FEDERAL ITEM IDENTIFICATION GUIDE

DRAFTING, SURVEYING, AND MAPPING INSTRUMENTS

This Reprint replaces FIIG T144, dated November 7, 2008.

Commander

Defense Logistics Information Service

ATTN: DLIS-K

74 Washington Avenue North, Suite 7

Battle Creek, Michigan 49037-3084

(COMM) (269) 961-5779

(DSN) 661-5779

PUBLISHED BY DEFENSE LOGISTICS INFORMATION SERVICE, BATTLE CREEK, MI

This Federal Item Identification Guide for Supply Cataloging is issued under the authority of Department of Defense Instruction 5025.7.

The use of this publication is mandatory for US. Federal Activities participating in Federal Catalog System Operations.

BY ORDER OF THE DIRECTOR

/s/

Commander

Defense Logistics Information Service

Contents

GENERAL INFORMATION

1. Purpose and Scope

This Federal Item Identification Guide (FIIG) is a self-contained document for the collection, coding, transmittal, and retrieval of item characteristics and related supply management data for an item of supply for logistical use. This FIIG is to be used to describe items of supply identified by the index of approved item names appearing in this section.

2. Contents

This FIIG is comprised of the following:

Index of Approved Item Names Covered by this FIIG
Applicability Key Index
Section I - Item Characteristics Data Requirements
Section III - New text that should be here.
Appendix A - Reply Tables
Appendix B - Reference Drawing Groups (as applicable)
Appendix C - Technical Data Tables (as applicable)

a. Index of Approved Item Names Covered by this FIIG:

The index lists the approved item names with definitions and item name codes as they appear in Cataloging Handbook H6, applicable to this FIIG. In addition, each name entry is assigned an applicability key for use in relating the characteristics requirements in Section I to the specific item name.

b. Applicability Key Index:

The purpose of this index is to provide the user with a ready reference for determining the specific requirements which are applicable to a given approved item name. This index lists all requirements in sequence as they appear in the FIIG. The applicability of a Master Requirement Coded requirement is indicated by the column headed by the specific item name applicability key as follows:

(1) The letter "X" indicates the requirement must be answered for a full descriptive item.

(2) The letters "AR" indicate the requirement is to be answered as required by (1) instructional notes within the FIIG; (2) when the reply is predicated on replies to a related main requirement; or (3) when an asterisk (*) is used in conjunction with the applicability key column in Section I.

(3) A blank in the column indicates the requirement is not applicable to the specific item name.

c. Section I - Item Characteristics Data Requirements:

This section contains the physical and performance characteristics requirements needed to describe and identify an item of supply. These characteristics differentiate one item from all other items of supply and are to be used to meet the needs of all supported functions. This section is arranged in columns. Identification of each column and instructions pertinent thereto are as follows:

(1) Applicability Key:

The first column shows the applicability key(s) for each requirement. It indicates whether the requirement need be satisfied for the item being identified. "ALL" indicates that the requirement must be answered for all items covered by the FIIG. One or more alphabetic character(s) or group of one or more alphabetic characters indicates a response is required when describing items with an approved item name or names represented by the key(s). An asterisk (*) used in conjunction with any applicability key indicates that the characteristic stated in the requirement may not be applicable to all items covered by the FIIG.

(2) Master Requirement Codes (MRC):

A four-position code which is assigned to a FIIG requirement for identification of the requirement, cross-referencing requirements in the various sections and appendices of the FIIG, and for mechanized processing and retrieval of FIIG generated data. Absence of a MRC for a requirement indicates a lead-in to requirements with individual MRCs in Appendix B.

(a) The coding technique for providing MULTIPLE/OPTIONAL responses will not be used for a Section I requirement assigned Mode Code A or L that leads to Appendix B sketches with dimensional requirements.

(b) Identified Secondary Address Coding:

This technique is for extending the Master Requirement Code so that a unique address is provided for each application of the requirement in relation to the item and is authorized only as instructed within the requirement. Responses coded through this technique will always consist of the following: (1) Master Requirement Codes, (2) indicator code (a single numeric character determined by the number of positions contained), (3) identified secondary address code (1 to 3-digit alphabetic codes determined by the number of predicted replies), (4) the mode code, (5) the reply code and/or clear text response, and (6) end with a record separator (*). Steps (1) through (6) are repeated for each application of the requirement.

(c) AND/OR coding:

A technique for extending the Master Requirement Code to provide a distinctive address for multiple responses to the same requirement. Responses coded through this technique will always consist of (1) Master Requirement Code, (2) mode code, (3) the response or reply code (as instructed by the requirement), (4) a single dollar sign ($) for an OR condition, or a double dollar sign ($$) for an AND condition, (5) the mode code, (6) the response or reply code

(followed by conditions (4) through (6) for each of the multiple responses) and (7) end with a record separator (*). NOTE: Apply this technique only when instructed by the requirement sample reply (e.g.).

(3) Mode Code:

A one-position alphabetic code that specifies the manner in which a response will be prepared. Each requirement assigned a MRC is also assigned a mode code. Sample replies follow each FIIG requirement displaying the proper construction of a response for the assigned mode code. The response to a requirement will always be prepared in accordance with the assigned mode code and sample reply except in the following instances:

(a) Use of E Mode Code replies is not authorized. If a reply needed to describe an item is not listed in the applicable table, contact the FIIG Initiator.

(b) Mode Code K may not be used for any requirement unless instructed by the requirement instructions.

(4) Requirement:

This portion includes the characteristics data elements and data use identifiers required to identify and differentiate one item of supply from another, narrative definitions, and explanations as to use and method of expression. Instructions for coding and preparing replies are also provided.

(5) Reply Code:

A code that represents an established authorized reply to a requirement.

d. Section III - Supplementary Technical and Supply Management Data:

This section includes those characteristics requirements necessary to support specific logistics functions other than National Stock Number assignment.

e. Appendix A - Reply Tables:

Tables of authorized replies to requirements and reply codes when the tables are too lengthy for inclusion in Section I/III, when applicable.

f. Appendix B - Reference Drawings:

This appendix contains representative illustrations which portray specific variations of one or more generic characteristics. If reference drawings contain requirements pages to be used in conjunction with illustrations for dimensioning purposes, the requirements pages will contain Master Requirement Codes, mode codes, and a statement of the requirement. A response to requirements on a requirements page is necessary only for those Master Requirement Codes applicable to the illustration selected.

g. Appendix C - Technical Data Tables:

This appendix contains conversion charts and similar data pertinent to the requirements in Section I/III, when applicable.

3. Enter administrative MRC CLQL immediately following the last FIIG requirement reply, as instructed below:

MRC	Mode Code	Requirement	Example
CLQL	G	COLLOQUIAL NAME (common usage name by which an item is known)	CLQLGWOVEN WIRE CLOTH*

4. Special Instructions and Indicator Definitions

a. Measurements:

Unless otherwise indicated within a requirement example, enter all measurements in decimal form, carried to the nearest three decimal places, with a minimum of one digit preceding the decimal. For SI (metric), enter all measurements with a minimum of one digit before and after the decimal. For fraction to decimal conversion, see Appendix C.

b. Indicators:

A cross hatch (#) following an AIN, MRC, Reply Code or Drawing Number indicates for "ALL EXCEPT USA" use only.

5. Indexes

a. Index of Data Requirements

This index is arranged in alphabetic sequence by Master Requirement Code, cross-referenced to the applicable data requirement and page number(s).

b. Index of Approved Item Names

This index is arranged in alphabetic sequence referenced to Applicability Key.

c. Applicability Key Index

This index is arranged in Applicability Key Sequence.

6. Maintenance

Requests for revisions and other changes will be directed to:

[Page Break]

MRC Index

INDEX OF APPROVED ITEM NAMES COVERED BY THIS FIIG

Approved Item Name	INC	App Key
ALIDADE, BINOCULAR, MARINE	03551	MA

An instrument for navigational or ordnance use, used in conjunction with, but does not include, a pair of binoculars to indicate the relative bearing of a target or object. It is usually fastened to a solid mounting with the zero degree position parallel to the center line of the ship on which it is mounted.

ALIDADE, SURVEYING	04385	MA

An instrument consisting of a sighting device mounted on a graduated base, used for plotting the lines of a survey directly from observation.

ALIDADE, TELESCOPIC, MARINE	03550	MA

A navigational instrument for mounting on a magnetic or gyro repeater compass. It incorporates a telescope containing a vertical reticle line enabling the operator to view a target and its relative bearings at the same time.

AUTOGRAPHIC INSTRUMENT, PHOTOGRAMMETRIC PLOTTING	60071	DB

A precision instrument for the stereoscopic plotting of aerial and terrestrial pairs of photographs for the completion of maps on all scales according to the mechanical plotting principle.

BAR, BEAM DRAFTING COMPASS	13351	QD

A various cross-sectional shaped piece of wood or metal to which a needle point and a writing point may be attached when used with a COMPASS, DRAFTING, BEAM.

BENCH MARK	04376	QA

A metal tablet, usually set in a concrete base or fastened to a permanent structure or boulder used as a reference point in surveying.

CLINOMETER, ELEVATION	11387	MD

An optical instrument consisting of a sighting tube and a quadrant scale plate, used to ascertain the angle of elevation of an object.

CLINOMETER, ELEVATION AND DEPRESSION, SURVEYING	11380	MD

An instrument consisting of an arc scale mounted within a circular case. It is used for measuring angles of elevation and depression. Excludes LEVEL, SURVEYING.

Approved Item Name	INC	App Key
COMPASS, DRAFTING, BEAM	06480	EB

An instrument consisting of two or more clamps which may be attached to a beam so that the distance between them may be varied. One of the clamps holds a needle point, and the other a writing point. It is used for drawing circles. Points for use as dividers may be included.

COMPASS, DRAFTING, PIVOT	04363	EA

An instrument consisting of two branches or legs joined at one end by a pivot, one leg having a needle point, the other a writing point. It is used for drawing circles. Points for use as dividers may be included, but at least one writing point must be included. For compass type dividers, see DIVIDERS, DRAFTING, PLAIN.

CURVE, DRAFTING, IRREGULAR	07489	CA

A thin flat piece of metallic, plastic, or similar material having one or more edges used as a guide for drawing curves, all portions of which are not subject to the same mathematical formula.

CURVE, DRAFTING, REGULAR	19192	CA

A thin flat piece of metal, plastic, or similar material having one or more edges used as a guide for drawing arcs or curves. The whole as well as all portions of which must be subject to the same mathematical formula.

CURVE SET, DRAFTING, IRREGULAR	18733	CB

A group of two or more irregular curves, all portions of which are not subject to the same mathematical formula. May include a case and related items.

DISPLAY BOARD, COMBAT INFORMATION CENTRAL	05753	NB

An item specifically designed for the display, in graphic or symbolic form, of information received from radar installations, information centers, and observation posts via land lines or radio.

DISPLAY BOARD, RADAR SET DATA	05754	NB

An item specifically designed for the display of information derived from the plotting of radar data and/or for the display of information taken directly from a RADAR SET.

DIVIDER, EQUAL SPACING	31515	GC

An instrument consisting of two main arms, one of which terminates in a needle point, and secondary arms connecting ten additional needle points. The arms are adjustable to provide ten equal measurements of varying size.

DIVIDERS, DRAFTING, PLAIN	06503	GB

An instrument consisting of two or three branches or legs joined at one end by a pivot and being pointed at the other end. Used for transferring measurements. Does not provide means for drawing circles.

Approved Item Name	INC	App Key
DIVIDERS, DRAFTING, PROPORTIONAL	06479	GA

An instrument consisting of two branches or legs which are pointed at both ends and joined by a sliding pivot, the position of which may be so adjusted that the ratio of the distance between one pair of points and the pivot and the distance between the other pair of points and the pivot may be varied. This combination produces the variable ratios. Used for making proportional transfer of measurements.

DRAFTING MACHINE	04423	DD

An instrument primarily used in drafting, consisting of two joined arms, one end being secured to a stationary surface and the other end equipped with an adjustable protractor and removable ruled scale(s); or two rigid beams, one beam anchored across full length of top of drawing board, the other beam perpendicular to top beam equipped with adjustable protractor and removable ruled scale(s). It is used as a guide for drawing parallel lines at any angle on a chart or drawing, or transmitting reference points.

DRAFTING MACHINE AND DRAWING BOARD	13374	DD

An instrument consisting of a jointed arm with one end fastened to a rectangular shaped board and the other end free to move over the surface of the board. Attached to the free end of the arm is either a triangle, a protractor head and triangle, or a protractor head and L-square.

DRAWING BOARD	04377	AA

A square or rectangular fabricated object, usually of wood, having at least one squared end and a flat smooth surface to which paper can be affixed for use in drafting. See also DRAWING BOARD AND TRESTLE; DRAFTING MACHINE AND DRAWING BOARD; PLANE TABLE BOARD; and SKETCHING BOARD.

DRAWING BOARD AND TRESTLE	13597	AB

An item consisting of a DRAWING BOARD and a TRESTLE, DRAWING BOARD.

DRAWING BOARD, ILLUMINATED, PORTABLE	21421	HB

An enclosed source of light with a ground glass top surface. It is equipped with an electric cord, lamp socket and plug and may include a T-square and a flexible writing plate. It is portable, capable of being tilted when in use and is designed primarily for tracing and freehand stenciling. Excludes DRAWING BOARD and TABLE (2),DRAWING.

GLOBE, CELESTIAL	33737	FA

A spherical shaped item depicting a map of the heavenly bodies.

GLOBE, TERRESTRIAL	33738	FA

A spherical shaped item depicting a map of the earth. It may have other appurtenances reflecting such bodies as the moon, sun and the like.

Approved Item Name	INC	App Key
HOLDER, LEAD, LETTERING SET SCRIBER	16736	LA

A metal mechanical device that will receive and hold graphite firmly and shall fit a scriber for use in pencil drawing or hand printing. The holder may feature mechanical advance of the graphite.

INTEGRAPH	04413	DC

A mechanical device used for ascertaining the area and moments relative to any axis of a given figure and automatically draws the integral curves, giving a graphic representation of the integration.

INTEGRATOR	04414	DC

A mechanical device for ascertaining the area and moments relative to any axis of any figure by tracing its outline.

LEG ASSEMBLY, WORK TABLE	39609	HD

A structure which supports a TOP,WORK TABLE. It may have provisions for a shelf(ves) or drawer(s) or casters/feet/wheels. Hardware for attachment to a TOP, WORK TABLE, may be included. Excludes LEG, CASE and LEG, ELECTRICAL EQUIPMENT.

LEG, CASE	19745	HD

An item which, in conjunction with one or more similar items, supports a case.

LEG, ELECTRICAL EQUIPMENT	19746	HD

An item which in conjunction with one or more similar items, aids in the support of electrical equipment. See also LEG SECTION, ELECTRICAL EQUIPMENT.

LEG, PLOTTING BOARD #	19747	HD

An item which, in conjunction with one or more similar items, aids in the support of a plotting board.

LEG SECTION, ELECTRICAL EQUIPMENT	19748	HD

An item which in itself is not a complete functioning item. It consists of parts which, together with other similar parts, form an electrical equipment leg.

LETTERING SET	18155	LC

A device designed to facilitate the reproduction of lettering characters by means of a pen or pencil attached to a scriber or tracing arm that is guided along the contours of preformed characters in a lettering guide. May include a number of pens and guides as well as other related items. Used for uniform lettering in drafting procedures. Excludes LETTERING SET, REPRODUCTION.

Approved Item Name	INC	App Key
LEVEL, SURVEYING	04391	MB

An instrument consisting of a leveling and sighting device, used for general topographic measurements, such as determining and delineating the form, extent, or the like, of a tract of land. It is manually adjusted. Excludes CLINOMETER, ELEVATION AND DEPRESSION, SURVEYING and LEVEL, OPTICAL, AUTOMATIC.

LINE GUIDE, LETTERING, ADJUSTABLE	11379	DA

A device consisting of a revolvable transparent disk mounted within a plastic or wire frame. It is used primarily for drawing guide and slope lines for freehand lettering.

LINE GUIDE, LETTERING, NONADJUSTABLE	18173	DA

A thin piece of plastic, metallic or similar material, perforated by a number of holes and/or slots, so arranged by the combined use of certain holes and/or slots, guide and slope lines of certain predetermined angles and spacing for use in freehand lettering can be drawn. May include angled edge for drawing slope lines.

MANEUVERING BOARD	03584	NB

An item incorporating dials and arms which are graduated for determining the course, speed, time and distances for maneuvers of small ships.

MEASURER, MAP	04383	DE

An instrument having a tracing wheel attached to a watchlike case with a dial, with or without a handle. It is used for measuring roads, contours, and other irregular lines on maps, charts, and the like.

NEEDLE POINT, DRAFTING INSTRUMENT	18164	BA
PANTOGRAPH	04402	DB

An instrument used for reducing and enlarging the outline of a drawing, map or draft by means of adjustable arms.

PARALLEL RULER	04374	KB

A tool for drawing a line parallel to another, or a series of parallel lines as a nongraduated flat straightedge, having two beveled edges running on a pair of rollers mounted in one of its sides or a pair of straightedges connected by two parallel links so that only one straightedge can be moved parallel to the other. Excludes STRAIGHTEDGE, PARALLEL RULING, GUIDE CORD.

PEN, LETTERING, FREEHAND	15731	BC

A lettering device consisting of a pen point containing an ink reservoir and an adjusting screw for regulating the flow of ink, affixed to a handle. Designed to produce uniform lines in freehand lettering. Excludes PEN, LETTERING, SCRIBER-TEMPLATE.

Approved Item Name	INC	App Key
PEN, LETTERING, SCRIBER-TEMPLATE	22198	BD

A lettering device consisting of a pen point with a cleaning pin and ink reservoir. It is normally used on a scriber or may have a handle for use with templates or guides to produce lines of uniform width. It may be designed to control the flow of ink.

PEN, RULING, DRAFTSMAN'S	04362	BF

An instrument having two or more blades, usually of steel, which are fixed or replaceable. They are attached to a handle at one end, the other ends being pointed. The distance between the points is adjustable. It is used in drafting for inking lines.

PIN, CLEANING, LETTERING PEN	31909	BG

A pin which controls the ink flow and keeps the orifice hole open in a lettering pen.

PLANE TABLE BOARD	08195	AA

A rectangular or square device made of wood with provisions for attaching to a ball and socket tripod head for holding maps or drawing paper. It is used in conjunction with an alidade for surveying and topographic work. Excludes DRAWING BOARD and SKETCHING BOARD.

PLANE TABLE, SURVEYING	18136	HC

An item consisting of a plane table board and a ball and socket tripod. May include such items as level compass. Excludes instruments such as alidades.

PLANIMETER	04415	DC

An instrument designed to ascertain by simple mechanical operation the area of any plane surface represented by a figure such as indicator diagrams, profile plans, sections.

PLOTTER, POLAR COORDINATES	26698	NB

A precision instrument consisting of a graduated circle, a graduated scale bridge and a bridge carriage for the mechanical plotting of polar coordinates. It may be portable for use on a table, or it may be integral with the supporting table. It may include accessories for drafting lines, and for scribing lines. May include an electronic control unit.

PLOTTER-PROTRACTOR (1), AIR NAVIGATION	61582	FA

An item generally constructed on a transparent plastic material. It embodies a standard inch scale, an inner and/or outer statue mile scale, a vertical statue mile scale, and may also include a nautical mile scale. The semicircular protractor portion may be offset or inset in forming a part of the item. It is designed to be used in plotting courses, measuring distances between two points on a chart or map, establishing meridians of references, solving wind angles, and determining bearing positions.

Approved Item Name	INC	App Key
PLOTTER, RECTANGULAR COORDINATES	26699	EC

A precision instrument consisting of a movable ordinate member, stationary abscissa member, ordinate carriage unit, and an abscissa carriage unit for the mechanical plotting of rectangular coordinates. It may be portable for use on a table, or it may be integral with the supporting table. It may include accessories for drafting lines, and for scribing lines. May include an electronic control unit.

PLOTTER, SURFACE	60823	NA

A device generally constructed of plastic material having a rotating center sheet between two fixed identical outer sheets. A black azimuth circle, with markings on the outside of the circle, is printed on each of the outer sheets, and a red azimuth circle, with markings inside the circle, is printed on each side of the rotating center sheet. The azimuth circles have radial lines placed ten degrees apart and ten concentric rings, with each concentric ring 0.5 inch (12.7 millimeters) greater than the preceding one. This device is arranged to provide true-relative and relative-type bearing conversion for simultaneous plotting of true and relative bearings and to perform the functions of a standard maneuvering board on each side, permitting two plots at different scales.

Plotting Board

1. An item usually having a plane surface upon which data is compiled or recorded to serve as a basis for determining distances, ranges, velocities, and the like. It may be inscribed with predetermined data or may require the use of auxiliary items such as charts, maps, or patterns.

PLOTTING BOARD (1), COORDINATE CONVERTER	04001	NA

A plotting board on which data is plotted, compiled and/or recorded, and converted from grid to polar coordinates or vice versa.

PLOTTING BOARD (1), DIRECTION FINDER DATA #	05755	NB

A plotting board specifically designed to make a plot of data received by direction finding equipment.

PLOTTING BOARD, FLASH RANGING, FIRE CONTROL	21867	NA

An item used to determine the locations of enemy guns by plotting the azimuth of the flash or smoke, as reported from two or more observation posts. It may also be used to determine the center of impact of friendly fire.

PLOTTING BOARD (1), FLIGHT DATA	20073	NC

A plotting board intended for use by flight personnel in solving aerial navigation problems. It may include necessary accessories.

Approved Item Name	INC	App Key
PLOTTING BOARD, INDIRECT FIRE	60824	NA

A specifically designed, hand held device, with a plane surface inscribed with mathematical data, and a pivoted rotating disk inscribed with millimeter scales around its periphery. It is used to determine the unknown distance of a target in relation to the known positions of the observer and the gun location.

PLOTTING BOARD (1), RADAR DATA	05756	NB

A plotting board specifically designed to make a plot of data received by radar equipment.

PLOTTING BOARD (1), SHIP'S STATUS	20074	NC

An all-purpose plotting board designed to display various types of information aboard ship.

PLOTTING BOARD, SOUND RANGING, FIRE CONTROL	21789	NA

An item used to determine the location of enemy guns by plotting the difference in time at which the sound of the gun reaches each of several microphone stations. It may also be used for adjustments of gun and howitzer fire to compensate for the trajectory of the projectile. Excludes SOUND RANGING SET and SOUND MEASURING SET.

PLOTTING BOARD (1), TACTICAL DISPLAY	20075	NC

A plotting board designed so the tactical position of ships and aircraft may be displayed.

PLOTTING BOARD (1), WINDS ALOFT	04002	NA

A plotting board specifically designed to make a plot of winds aloft.

PLOTTING TABLE, TACTICAL DISPLAY	18441	NC

A tablelike item having an inscribed top surface on which a ship's own course silhouette is projected and the tactical positions of other ships and planes are displayed.

POINT, SCRIBING INSTRUMENT	21211	BB

A device designed to be inserted in a scribing instrument for use in scribing on coated plastic, glass sheets and similar materials generally used in the color separation drafting process of Military Cartography. The tip of the point is usually made of corundum or other acceptionally hard material for long wear. Excludes NEEDLE POINT, DRAFTING INSTRUMENT.

POLE, RANGE	04393	QC

A straight slender piece of wood or a metal tube, used for sighting lines or points in surveying.

Approved Item Name	INC	App Key

Protractor

1. A flat shaped piece of material, graduated radially from a given point in units of angular measurement. It is used for measuring or laying off angles on drawings, maps, charts, and the like, and may contain scales for measuring or plotting linear distances.

PROTRACTOR (1), CIRCULAR	04381	FA
PROTRACTOR (1), ONE ARM	04388	FB

A protractor having a circular or semicircular shape with a movable arm or straight edge for extending graduations on protractor either for drawing lines or locating a point. Excludes PROTRACTOR, MECHANICS, BEVEL; and PROTRACTOR, MECHANICS, PLAIN.

PROTRACTOR (1), SEMICIRCULAR	04382	FA
PROTRACTOR (1), THREE ARM	04390	FB

A protractor having two movable and one stationary arm. Excludes PROTRACTOR MECHANICS, BEVEL; and PROTRACTOR, MECHANICS, PLAIN.

PROTRACTOR (1), TWO ARM	04389	FB

A protractor having a circular or semicircular shape with two movable arms. Excludes PROTRACTOR, MECHANICS, BEVEL; and PROTRACTOR, MECHANICS, PLAIN.

ROD, LEVEL	04379	QB

A strip of wood, metal or flexible material having graduations on one or both flat surfaces, used with a surveying level to measure vertical distances between points on a vertical plane, and the line of sight of the level.

RULER, DRAFTING, ADJUSTABLE CURVE	11367	CA

A flexible ruling device for drawing desired curves in drafting. It does not require weights or fasteners to retain its various shapes.

SCALE, AREA	61514	PA

A thin, flat, rectangular shaped, transparent strip of plastic or other material with one or more edges graduated in units applicable for measuring distance. It is graduated in units for measuring land and for estimating acreage. It may or may not have clips for packet carrying. Excludes SCALE, PLOTTING; SCALE, DRAFTING and RULE (as modified).

Approved Item Name	INC	App Key
SCALE, CONVERSION, PRESSURE-SPEED-TEMPERATURE	12917	NA

A sheet or strip of plastic or other material having scale markings and graduations designed for converting units of pressure altitude in inches to the corresponding atmospheric pressure in millibars, miles per hour to knots per hour to meters per second, and degrees fahrenheit to degrees centigrade.

SCALE, DRAFTING	07469	PA

A thin, flat or triangular strip of wood, plastic, or other material, with one or more edges, graduated in common units of linear measurement (inches, centimeters, feet, yards, or meters), which are subdivided into fractional or decimal parts of the unit. Generally used in drafting for measuring distances. Excludes SCALE, PLOTTING; and RULE (as modified).

SCALE, OBLIQUE PHOTOGRAPHIC INTERPRETATION	18644	NA

A sheet of plastic or similar material having inscribed upon its surface a perspective type grid for the purpose of determining scale on oblique photographs. Essentially it is a plot of ratio fractions, (RF's) against lineal measurements. Used in photo interpretation procedures.

SCALE, PLOTTING	08929	PB

A thin, flat or triangular shaped strip of wood, plastic or other material with one or more edges graduated in units applicable only for the plotting of distances represented by the map ratio printed on the scale. The scale may contain one edge graduated on a 1 to 1 ratio. Used for plotting or measuring distances on maps, charts, and the like. Excludes SCALE, DRAFTING; and RULE (as modified).

SCALE, WIND, GEOSTROPHIC-GRADIENT	61003	NA

An adjustable, thin, flat strip of plastic, metal, or other material graduated in terms of map projection, map/earth scale (representative fraction), knots, and degrees of latitude, for the determination of geostrophic and gradient winds in weather forecasting and in the analysis of upper-air weather charts.

SCRIBER, DRAFTING	04397	BE

A device for scribing impressions of letters, symbols, characters, and lines with an etching point, by means of guides, templates, or freehand. Excludes SCRIBER, LETTERING.

SCRIBER, LETTERING	04398	BE

A device for tracing letters and characters with either a pen or pencil point by means of a guide or template.

SKETCHING BOARD	22206	AA

A rectangular device made of wood and equipped with a binding screw plate for attaching to a tripod. Equipped with provisions for holding tracing paper while sketching maps and drawings. Used in conjunction with surveying and topographic work. Excludes PLANE TABLE BOARD and DRAWING BOARD.

Approved Item Name	INC	App Key

STEREOMETER, PHOTOGRAMMETRIC 04384 DD

An optical instrument consisting of stereoscope, a measuring system, a drawing attachment, and alignment mechanism. It is used in interpreting elevation and contours from aerial photographs.

STRAIGHTEDGE 05155 PC

A bar or slip of wood, metal, or plastic, having one or more long edges made straight within a desired degree of accuracy. It is used for testing straight lines or surfaces, drawing straight lines, and the like. Straightedges having one beveled edge may be graduated on the beveled edge. Excludes STRAIGHTEDGE, PARALLEL RULING, GUIDE CORD; SCALE (as modified); RULE (as modified); and RULER (as modified).

STRAIGHTEDGE, PARALLEL RULING, GUIDE CORD 20864 KC

A STRAIGHTEDGE which is specifically designed to be used with a guide cord attachment. It has provisions for the assemblage of pulleys or a bearing clamp on each end of the blade for attachment of a guide cord which permits the straightedge to be moved over the surface of the drawing board. It may include all the necessary fittings for attaching to a drawing board, such as pulleys, bearing clamps, adjusting posts, cord, screws, and the like.

STRAIGHTEDGE, RADIAL LINE, SLOTTED TEMPLATE 18566 PD

A plastic or metallic item, having a pivot hole for a slotted template pin, drilled exactly in line with ruling edge portion of item. Used to draw lines on templates, representing rays from the principal point of aerial photographs.

T-SQUARE 04372 KA

A tool having a fixed or swivel head or crosspiece normally attached at a right angle to the end of a straight edge or blade. It is used as a guide for drawing straight lines in drafting.

Table

1. An item having a flat, slablike surface supported on legs or other support. It may have drawers arranged beneath the top, but has a free area underneath on all sides in order to accommodate a seated person's legs.

2. An item consisting of a relatively flat top mounted on supporting structures. It must have a feature or features which distinguish it as an industrial, professional, or utility item. Examples of these features are shelf, cabinet, or drawer space in lieu of space for a person's legs; slots or other mounting or clamping devices or securing tools or other objects required for utilization of the item; equipment built-in or supplied with the item which is required for use of the item; or any other feature or features which identify the item as an industrial, professional, or specific utility item.

TABLE (2), DRAWING 18886 HC

An item consisting of a drawing board having an integral leg structure, either folding or rigid. May have drawer(s). Excludes DRAWING BOARD; and DRAWING BOARD AND TRESTLE.

Approved Item Name	INC	App Key
TABLE, OBSERVER, METEOROLOGICAL DATA	22660	HB

An item having a sloping illuminated glass or plastic working surface, designed for use by weather observer in computing and recording meteorological data. It maybe furnished with a display panel(s) (bulletin board) and accessories.

TABLE (1), TRACING, DRAFTING	18137	HB

A table having an illuminated working surface, used in drafting procedures to facilitate the tracing of drawings and the like. The table may have an adjustable top and may include various attachments. Excludes PLOTTING TABLE, PHOTOGRAPHIC FILM; and TABLE, LITHOGRAPHIC LAYOUT.

TEMPLATE, DRAFTING	04738	LA

A thin transparent sheet of plastic or similar material, having cut out portions outlining some definite objects, symbols, or geometrical shape(s). Excludes TEMPLATE, LETTERING.

TEMPLATE, KEYBOARD, AUTOMATIC DATA PROCESSING	47612	LA

An item designed to define the unique functions of specific keys on a computer keyboard using an applied software program. It is placed over the keyboard during the utilization of the software program, then removed or replaced when the software is removed/replaced.

TEMPLATE, LETTERING	18432	LB

An item used to form letters and/or numeral characters or such portions thereof that when combined they will produce the desired complete characters. May include punctuation marks and/or a groove or track for use in conjunction with a lettering scriber.

TEMPLATE, TEST POINT	50214	LA

A thin sheet of material, having cut-out portions and labelling, designed to identify the unique functions of specific test points when used as an overlay on related electrical/electronic equipment.

THEODOLITE, METEOROLOGICAL	18487	MC

A telescopic instrument used in determination of wind direction and speed by optical tracking of free moving balloons. Two telescopes are generally provided, one for finding the object and the other for tracking. Sighting through the scopes is by means of right angle eyepieces. Vernier scales are used for fine reading of the horizontal and vertical circles. Some instruments are designed with auxiliary devices for plotting the observed positions at the time of observations. Illumination may be provided for observations at night. Excludes TRANSIT; and TRANSIT, POCKET.

Approved Item Name	INC	App Key
THEODOLITE, SURVEYING	18488	MC

A precision telescopic instrument used in topographic and geodetic surveying or precise alignment operations. Generally, the optical systems for reading the horizontal and vertical circles are fully enclosed. The reading of the circles is made through optical micrometers. Some optical systems are so designed that readings of diametrically opposite points of the circles are mechanically averaged. The instruments are leveled by three leveling screws. Internal illumination may be provided for reading the circles and viewing the reticle crosslines. Excludes TRANSIT; and TRANSIT, POCKET.

TRANSIT	18489	MD

An instrument having two coaxial centers, one inside the other. A telescope is attached to the innercenter and mounted in such a manner that it may be rotated in vertical or horizontal arcs. The outer center carries the horizontal scale. The telescope and horizontal circular scale may rotate about the same axis, independent of each other, or integrally, as a single unit. The scales are read visually by means of verniers. The instrument is usually leveled by means of four leveling screws. It is used for measuring horizontal, or horizontal and vertical angles. Excludes TRANSIT, POCKET.

TRIANGLE, DRAFTING	04373	DA

A thin, flat, plain, or graduated triangular piece of celluloid, wood, or metal, usually having a right angle and varying adjacent angles, or two attached triangles or graduated arms which may be adjusted to angles of various degrees. It is used as a guide for drawing lines. Excludes items punched as templates or line guides.

TRIBRACH	68004	JB

A survey accessory used for leveling that attaches to a tripod. Additional survey instruments or accessories are placed on it and secured with a locking mechanism. It has leveling screws so the whole assembly (survey instrument or prism base) can be leveled correctly. It may also include an optical or laser plummet that allows the assembly to be centered over a survey control point on the ground, and a circular level vial that allows for rough leveling.

TRIPOD, COURSE MONITOR	04365	JA

A device with three vertically adjustable or nonadjustable legs hinged or permanently affixed to a mounting plate or head and designed to support a MONITOR, COURSE.

TRIPOD, DIRECTION FINDER #	04366	JA

A device with three vertically adjustable or nonadjustable legs hinged or permanently affixed to a mounting plate or head and designed to support a direction finder.

TRIPOD, FIRE CONTROL INSTRUMENT	04367	JA

A device with three adjustable or nonadjustable legs, hinged, or rigidly affixed to a mounting head or plate, designed to support various types of fire control instruments. It may, or may not, include a support tube and/or a tripod head adapter. This item may also accommodate various types of explosive ordnance disposal equipment.

Approved Item Name	INC	App Key
TRIPOD, SECURITY DETECTION	66469	JA

A device with three vertically adjustable or nonajustable legs hinged or permanently affixed to a mounting plate or head and designed to support various types of security detection equipment.

TRIPOD, SKETCHING BOARD	04368	JA
TRIPOD, SURVEYING	04369	JA

A three legged device for holding or supporting various types of surveying instruments or equipment with the legs hinged to the top or head.

TRIVET, SURVEYING INSTRUMENT	13329	JB

A device with three short, unadjustable legs integral with the body on which surveying equipment or instruments may be mounted.

APPLICABILITY KEY INDEX

	AA	AB
NAME	X	X
MATL	X	
SURF	AR	
BBCG	X	
ABHP	AR	
ABMK	AR	
ADUM	AR	
APGF	AR	
BBCK		X
BBCQ		X
ABKW		AR
BBLW		AR
AKYD	AR	
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AGAV	AR	AR
AFJK	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZV	AR	AR
CXCY	AR	AR

	BA	BB	BC	BD	BE	BF	BG
NAME	X	X	X	X	X	X	X
APTD	X						X
ADAV	AR						AR
THDS	AR						AR
BBDT		X					
ANBW		X	X	X			
SURF			AR		AR		AR
AQQT		X					
APCG		X					X
BBLX		X					X
BBLY			X	X			
BBLZ				X			X
BBMB				X			
BBMC				X			X
AFYG				X			
ADQF				AR			
AFYH				AR			
BBMD					X		
BBMF						X	
BBMG						AR	
BBMH						AR	
AJLB						AR	
BBMJ						AR	
BBMN						AR	
ANCT						X	
BBMP						AR	
BBMQ						X	
BBMR						X	
ABHP						AR	X
FEAT	AR	AR	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR	AR	AR
PMWT	AR	AR	AR	AR	AR	AR	AR
PMLC	AR	AR	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR	AR	AR
FCLS	AR	AR	AR	AR	AR	AR	AR
FTLD	AR	AR	AR	AR	AR	AR	AR
TMDN	AR	AR	AR	AR	AR	AR	AR
RTSE	AR	AR	AR	AR	AR	AR	AR
RDAL	AR	AR	AR	AR	AR	AR	AR
NTRD	AR	AR	AR	AR	AR	AR	AR

ZZZV	AR	AR	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR	AR	AR

	CA	CB
NAME	X	X
BBMS	X	X
STYL	X	X
MATL	X	X
BBMT		X
ALFK		X
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AGAV	AR	AR
AFJK	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZV	AR	AR
CXCY	AR	AR

	DA	DB	DC	DD	DE
NAME	X	X	X	X	X
APQB	X	X	X	X	X
BBMW	AR				
ADQF					AR
MATL	X				
SURF	AR	AR	AR		
BBMY	X				
BBMX	X				
LGTH	X				
BBMZ		X	X		
BBNB		X			
BBNC		X			
BBND		X			
ADNM			X		
ANBW			X		
BBNF			X		
BBNG			AR		
BBNH			AR		
BBNJ			AR		
BBNK			AR		
BBNL			X	AR	
BBNM			AR		
BBNN			AR		
BBNP				X	
BBNQ				AR	
BBNR				AR	
APSJ				AR	
BBNS				AR	
AMNK				AR	
BBNT				AR	
BBNX	X			X	
BBNY	AR			AR	
BBNZ	AR			AR	
BBRR	AR			AR	
BBNW				AR	
BBRS				X	
BBRT				AR	
ARGG					X
BBRW					X
BBRX					X
BBRY					AR
BBRZ					AR
BBSB					X
AKYD				AR	
BBSC				X	
BBSD				X	
AFJU		X	X	X	
ANEX		AR	AR	AR	
FEAT	AR	AR	AR	AR	AR
TEST	AR	AR	AR	AR	AR
SPCL	AR	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR	AR

ZZZW	AR	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR	AR
CRTL	AR	AR	AR	AR	AR
PRPY	AR	AR	AR	AR	AR
ELRN	AR	AR	AR	AR	AR
ELCD	AR	AR	AR	AR	AR
AGAV	AR	AR	AR	AR	AR
AFJK	AR	AR	AR	AR	AR
PRMT	AR	AR	AR	AR	AR
PMWT	AR	AR	AR	AR	AR
PMLC	AR	AR	AR	AR	AR
SUPP	AR	AR	AR	AR	AR
FCLS	AR	AR	AR	AR	AR
FTLD	AR	AR	AR	AR	AR
TMDN	AR	AR	AR	AR	AR
RTSE	AR	AR	AR	AR	AR
RDAL	AR	AR	AR	AR	AR
NTRD	AR	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR	AR
CXCY	AR	AR	AR	AR	AR

	EA	EB	EC
NAME	X	X	X
APQB	X		X
MATL	X		X
SURF	AR		AR
BBSF	AR		X
BBSG	AR		AR
BBMP	AR		AR
BBSH	AR		AR
BBSJ	X		AR
APGF	AR		AR
ABHP	X		X
BBSK		X	X
ATJC		AR	AR
LGTH		AR	AR
BBSL		AR	AR
BBSM		AR	AR
BBSN		X	
BBSP		X	
BBSQ		X	
AHGQ		AR	
BBSR		X	
BBSS	AR	AR	AR
AKYD	AR	AR	AR
AFJU	X	X	X
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AGAV	AR	AR	AR
AFJK	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

	FA	FB
NAME	X	X
MATL	X	
DMTR	X	
AAFZ		X
ARNG		X
AECW		AR
BBST		X
ANBJ	X	X
AMNK	X	X
APSJ	X	
BBSX		AR
BBSY		AR
BBSZ		AR
BBZB		AR
BBMZ		X
BDXK		AR
BBZC		AR
BBZD		AR
BBZF		AR
BBZG		AR
ALFK		X
AKYD		AR
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AGAV	AR	AR
AFJK	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZV	AR	AR
CXCY	AR	AR

	GA	GB	GC
NAME	X	X	X
APQB		X	
BBMH		AR	
BDXL		AR	
MATL	X	X	X
SURF		AR	AR
ABHP	X	X	X
BBZH	X		X
BBZJ	X		
BBZK	X		
BBZL	X		
BDXM	X		
BBZM		X	
BBZN		X	
BBZP		AR	
ALFK	X		X
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AGAV	AR	AR	AR
AFJK	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

	HB	HC	HD
NAME	X	X	X
BBZT	X	X	X
ABHP	AR	AR	AR
ABMK	AR	AR	AR
ADAV	AR	AR	AR
ABKW	AR	AR	AR
BBZZ	X		
BCBB	AR		
BCBC	X		
BCBD	X		
BCBF	X		
AAXX	AR		
AMQY	X		
AALY	X		
AEWR	AR		
AEWY	AR		
AEWS	AR		
AYHG		X	
AYHH		X	
BCBG		X	
BCBH		X	
BCBJ		AR	
BCBK		X	
BCBL		X	
HGTH		X	
AWHL		X	
BCBM		AR	
BCBN		AR	
AWHC		X	
BCBP		AR	
BCBQ		AR	
BCBR		AR	
BCBS		AR	
BCBT		AR	
BCBW		AR	
BBLW		X	
BCBX		X	
ABHQ		AR	
ABGL		AR	
BCBY		X	
MATL			X
AZCH			X
AFBT			X
AAPF			X
AKYD	AR	AR	
AKWA			AR
AKWB			AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR

ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AGAV	AR	AR	AR
AFJK	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

	JA	JB
NAME	X	X
AASK	X	X
BCFB	AR	AR
BCFC	AR	AR
BCFD	AR	
BCFF	AR	
BCFG	X	
HGTH		X
ANCZ		X
BCFH	X	
AJUQ	AR	
BCFJ	AR	
BCFK	AR	
BCFL	AR	
BCFM	X	
BCFN	AR	
BBZT	X	
AHSJ	X	
BCFP	X	
BCFQ	X	
BCFR	X	
AFJU	X	
AKYD	AR	
FEAT	AR	AR
TEST	AR	AR
SPCL	AR	AR
ZZZK	AR	AR
ZZZT	AR	AR
ZZZW	AR	AR
ZZZX	AR	AR
ZZZY	AR	AR
CRTL	AR	AR
PRPY	AR	AR
ELRN	AR	AR
ELCD	AR	AR
AGAV	AR	AR
AFJK	AR	AR
PRMT	AR	AR
PMWT	AR	AR
PMLC	AR	AR
SUPP	AR	AR
FCLS	AR	AR
FTLD	AR	AR
TMDN	AR	AR
RTSE	AR	AR
RDAL	AR	AR
NTRD	AR	AR
ZZZV	AR	AR
CXCY	AR	AR

	KA	KB	KC
NAME	X	X	X
APQB		X	
AESH		AR	
BCFS		AR	
ARGE	X		
ASWF	AR		
AJGD	X		
AJLC	AR	AR	AR
AJLD	AR	AR	
AJQE		AR	
ARQS		AR	X
BCFT			X
BCFW			AR
BCFX			X
BCFY			X
BCFZ			X
BCGB	AR		
BCGC			X
BCGH			AR
BCGJ			AR
BCGK			AR
BCGL			AR
BCNF			AR
BCNG	X		
BBRD	X		
LGTH		X	
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AGAV	AR	AR	AR
AFJK	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

	LA	LB	LC
NAME	X	X	X
MATL	X	X	
APGF	X		
ABHP	AR	AR	AR
ABMK	AR	AR	AR
ADAV	AR	AR	AR
ADUM	AR	AR	AR
BCNH		X	
BCNJ		X	
ALDR		AR	
ANQT		X	
ALDZ		X	
BCNK		X	
BCNL		X	
BCNM			X
BCNN			X
BCNP			X
BCNQ			X
BCNR			AR
BCNS			AR
BCNT			AR
BCNW			X
BCSW			X
BCSX			X
BCSY			X
BCSZ			X
ALFK			AR
AKYD			AR
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AGAV	AR	AR	AR
AFJK	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR
SUPP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR

RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

	MA	MB	MC	MD
NAME	X	X	X	X
APQB		X	X	
BCTM		AR	AR	
AAWN		AR	AR	
ABHP		AR	AR	
BCGY	AR	AR	AR	AR
BCTB	AR	AR	AR	AR
BCTC	AR	AR	AR	AR
BCTD	AR	AR	AR	AR
BCTF	AR	AR	AR	AR
BCTG	AR	AR	AR	AR
BCTH	AR	AR	AR	AR
BCTJ	AR	AR	AR	AR
BCTK	AR	AR	AR	AR
BCTL	AR	AR	AR	AR
BCTN	AR			
BCTP	AR			
BCTQ	AR			
BCTR	X			
AEAE	X			
AEAF	X			
BCTS	X			
BCTT	AR			
BCTW	X			
BCTX	X			
BCHD		X		
ANXY		X	X	X
BCTY		AR		
BCTZ		AR		
BCWB		AR		
BCWC		AR		
BCWD		AR		
BCWF		AR		
BCWG		X		
BCWH		AR		AR
BCWJ		AR		
BCWK		X		
BCWL				X
BCWM		AR		AR
BCWN				X
BCWP				X
BCWQ				AR
BCWR				AR
BCWS				AR
BDBS		X		
ABUJ		AR		
BDBT		AR		
AMYJ		X	X	X
BCFM		AR	AR	AR
BDBW			X	
BDBX			X	
BDBY			X	
BDBZ			X	

BDCB			X	
BDCC			AR	
BDCD			X	
BDCF			X	
BDCG			X	
BDCH			X	
BDCJ				X
AKYD	AR	AR	AR	AR
AFJU	AR			AR
ALFK		AR		
BDCK			AR	
FEAT	AR	AR	AR	AR
TEST	AR	AR	AR	AR
SPCL	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR
CRTL	AR	AR	AR	AR
PRPY	AR	AR	AR	AR
ELRN	AR	AR	AR	AR
ELCD	AR	AR	AR	AR
AGAV	AR	AR	AR	AR
AFJK	AR	AR	AR	AR
PRMT	AR	AR	AR	AR
PMWT	AR	AR	AR	AR
PMLC	AR	AR	AR	AR
SUPP	AR	AR	AR	AR
FCLS	AR	AR	AR	AR
FTLD	AR	AR	AR	AR
TMDN	AR	AR	AR	AR
RTSE	AR	AR	AR	AR
RDAL	AR	AR	AR	AR
NTRD	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR
CXCY	AR	AR	AR	AR

	NA	NB	NC
NAME	X	X	X
BDCL	X	X	X
BDCM	X	X	X
BDCN	AR		AR
BDCP	X	X	
BDCQ		AR	
BDCR		AR	
BDCS		X	
BDCT		AR	
BDCW		X	X
AQLW		AR	AR
AEWY		AR	
BDCX			X
BDCY			AR
BDCZ			AR
AKWC			AR
ACYN			AR
ACZB			AR
FAAZ			AR
ACYR			AR
ALSF			AR
ABHP			AR
ABMK			AR
ADAV			AR
ADUM			AR
AFHS		AR	
AKVY		AR	
AZCG		AR	AR
AKVZ		AR	
AJJX		X	
AJJY		AR	
AJJZ		AR	
AJKA		AR	
AJKB		AR	
AKWA		X	
AKWB		AR	
FEAT	AR	AR	AR
TEST	AR	AR	AR
SPCL	AR	AR	AR
ZZZK	AR	AR	AR
ZZZT	AR	AR	AR
ZZZW	AR	AR	AR
ZZZX	AR	AR	AR
ZZZY	AR	AR	AR
CRTL	AR	AR	AR
PRPY	AR	AR	AR
ELRN	AR	AR	AR
ELCD	AR	AR	AR
AGAV	AR	AR	AR
AFJK	AR	AR	AR
PRMT	AR	AR	AR
PMWT	AR	AR	AR
PMLC	AR	AR	AR

SUPP	AR	AR	AR
FCLS	AR	AR	AR
FTLD	AR	AR	AR
TMDN	AR	AR	AR
RTSE	AR	AR	AR
RDAL	AR	AR	AR
NTRD	AR	AR	AR
ZZZV	AR	AR	AR
CXCY	AR	AR	AR

	PA	PB	PC	PD
NAME	X	X	X	X
MATL	X	X	X	X
HEAT	AR	AR	AR	AR
APGF	X			
AAWN		X		
BDDP		AR		
BDDB		AR		
BDDC		AR		
APQB			X	X
BDDD		AR	AR	
ABWC		AR	AR	
BDDF	X			
BDDG	AR			
BDDH	AR			
BDDJ	AR			
BDDK	AR			
BDDL	AR			
BDDM	AR			
BDDN			X	X
AKTG			X	X
BDDQ	X			
AWEA			X	X
ANBJ			AR	AR
BDLM			X	X
ABHP		X		X
ABRY			X	
BDLN			X	X
ABNM			X	X
BDLP	X	X		
AKYD			AR	AR
FEAT	AR	AR	AR	AR
TEST	AR	AR	AR	AR
SPCL	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR
CRTL	AR	AR	AR	AR
PRPY	AR	AR	AR	AR
ELRN	AR	AR	AR	AR
ELCD	AR	AR	AR	AR
AGAV	AR	AR	AR	AR
AFJK	AR	AR	AR	AR
PRMT	AR	AR	AR	AR
PMWT	AR	AR	AR	AR
PMLC	AR	AR	AR	AR
SUPP	AR	AR	AR	AR
FCLS	AR	AR	AR	AR
FTLD	AR	AR	AR	AR
TMDN	AR	AR	AR	AR
RTSE	AR	AR	AR	AR
RDAL	AR	AR	AR	AR

NTRD	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR
CXCY	AR	AR	AR	AR

	QA	QB	QC	QD
NAME	X	X	X	X
MATL	X	X		X
APQB		X	X	X
AAPN		AR	AR	
BDLQ			X	
BDLR			AR	
BDLS		X		
BDLT		AR		
BDLW		AR		
DMTR	AR	AR	AR	AR
LGTH	AR	AR	AR	AR
BDLX	AR	AR	AR	AR
WDTH	AR	AR	AR	AR
ABRN	AR	AR	AR	AR
SHPE			X	
HUES			AR	
BDLY			AR	
AAWN				X
BDLZ		AR		
BDMB		AR		
BDMC		AR		
BDMD		AR		
BDMF		X		
BDMG		X		
BDMH		X		
BDMJ				AR
MARK	X			
AFJU		AR	AR	
FEAT	AR	AR	AR	AR
TEST	AR	AR	AR	AR
SPCL	AR	AR	AR	AR
ZZZK	AR	AR	AR	AR
ZZZT	AR	AR	AR	AR
ZZZW	AR	AR	AR	AR
ZZZX	AR	AR	AR	AR
ZZZY	AR	AR	AR	AR
CRTL	AR	AR	AR	AR
PRPY	AR	AR	AR	AR
ELRN	AR	AR	AR	AR
ELCD	AR	AR	AR	AR
AGAV	AR	AR	AR	AR
AFJK	AR	AR	AR	AR
PRMT	AR	AR	AR	AR
PMWT	AR	AR	AR	AR
PMLC	AR	AR	AR	AR
SUPP	AR	AR	AR	AR
FCLS	AR	AR	AR	AR
FTLD	AR	AR	AR	AR
TMDN	AR	AR	AR	AR
RTSE	AR	AR	AR	AR
RDAL	AR	AR	AR	AR
NTRD	AR	AR	AR	AR
ZZZV	AR	AR	AR	AR

CXCY	AR	AR	AR	AR

[Page Break]

Body

SECTION: A

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED04377*)		
AA			
	MATL	D	MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDWDAB00*; MATLDWDAB00$$DWDG000*; MATLDWDAB00$DWDG000*)		
AA*			
	SURF	D	SURFACE TREATMENT
	Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., SURFDSX0000*; SURFDLQC000$$DVA0000*; SURFDLQC000$DVA0000*)		
AA			
	BBCG	D	STEEL EDGE
	Definition: AN INDICATION OF WHETHER OR NOT A STEEL EDGE(S) IS INCLUDED.		

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBCGDC*; BBCGDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

AA*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA42.000*; ABHPJLA1066.8*; ABHPJAB42.000$$JAC48.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AA*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA42.000*; ABMKJLA1066.8*; ABMKJAB42.000$$JAC48.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AA*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA0.750*; ADUMJLA19.0*; ADUMJAB0.625$$JAC0.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AA*

APGF D DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM. .

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDANB*; APGFDANB$DANC*)

REPLY CODE	REPLY (AK54)
ANB	BULIT-IN END CLEAT
ANC	HARDWOOD LEDGE
BXM	TRIPOD MOUNTING

APP Key	MRC	Mode Code	Requirements

AB

BBCK D TRESTLE HEIGHT ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE TRESTLE HEIGHT IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBCKDA*; BBCKDA$DC*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

AB

BBCQ D TRESTLE TYPE

Definition: INDICATES THE TYPE OF TRESTLE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBCQDANE*; BBCQDANE$DANG*)

REPLY CODE	REPLY (AK54)
ANE	ADJUSTABLE SLOPE
ANF	FIXED SLOPE
ANG	NONSLOPE

AB*

ABKW J OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA37.000*; ABKWJLA939.8*; ABKWJAB31.000$$JAC32.000*)

APP Key	MRC	Mode Code	Requirements

If the item is a nonslope or fixed slope type, give the nominal overall height. (e.g., ABKWJAA31.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

AB*

BBLW D FOLDABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS FOLDABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBLWDP*; BBLWDP$DM*)

REPLY CODE	REPLY (AM73)
P	FOLDABLE
M	NONFOLDABLE

AA*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. (e.g., AKYDGSTRAIGHTEDGE, 2*)

SECTION: B

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED15731*)

BA, BG

APTD	D	END TYPE

Definition: INDICATES THE TYPE OF END.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APTDDABJ*; APTDDABJ$DABK*)

REPLY CODE	REPLY (AK84)
ABJ	PLAIN POINT BOTH ENDS
ABK	PLAIN POINT ONE END ONLY
ABL	PLAIN POINT ONE END, SHOULDERED POINT OTHER END
ABM	SHOULDERED POINT BOTH ENDS
ABN	SHOULDERED POINT ONE END, THREADED OTHER END

NOTE FOR MRCS ADAV AND THDS: REPLY TO MRC ADAV IF OTHER THAN REPLY CODE ABN IS ENTERED FOR MRC APTD. REPLY TO MRC THDS IF REPLY CODE ABN IS ENTERED FOR MRC APTD.

BA*, BG* (See Note Above)

ADAV	J	OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below. (e.g., ADAVJAA0.0625*; ADAVJLA1.5*; ADAVJAB0.0500$$JAC0.0750*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

BA*, BG* (See Note Preceding MRC ADAV)

THDS J THREAD SIZE AND SERIES/TYPE DESIGNATOR

Definition: DESIGNATES THE THREAD DIAMETER, SERIES/TYPE, AND NUMBER OF THREADS PER SPECIFIC MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 5, followed by the thread size.

(e.g., THDSJNF10-32*)

BB

BBDT D POINT TYPE

Definition: INDICATES THE TYPE OF POINT(S) PROVIDED ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBDTDAAL*; BBDTDAAM$DAAN*)

REPLY CODE	REPLY (AJ44)
AAL	DOUBLE LINE
AAM	ROUND
AAN	SINGLE LINE
AAP	SPADE
AAQ	TRIPLE LINE

BB, BC, BD

ANBW D POINT MATERIAL

APP Key	MRC	Mode Code	Requirements

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE POINT OF THE ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ANBWDSTB000*; ANBWDAL0000$DST0000*)

BC*, BE*, BG*

SURF D SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 2. (e.g., SURFDGB0000*; SURFDENC000$DLQC000*)

BB

AQQT D TIP MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE TIP IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AQQTDTNA000*; AQQTDABT000$DJEA000*)

BB, BG

APCG D SHANK TYPE

Definition: INDICATES THE PARTICULAR TYPE OF SHANK.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APCGDBB*)

REPLY CODE	REPLY (AD07)
BB	FLATTED ROUND
RD	ROUND

BB, BG

APP Key	MRC	Mode Code	Requirements
	BBLX	J	SHANK MAXIMUM DIAMETER

Definition: THE MAXIMUM LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A SHANK, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBLXJA0.015*; BBLXJL1.5*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

BC, BD

BBLY	J	PRODUCED LINE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE LINE PRODUCED BY THE ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBLYJA0.021*; BBLYJL5.5*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

BD, BG

BBLZ	D	INK FLOW ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE INK FLOW IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBLZDA*; BBLZDA$DC*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

APP Key	MRC	Mode Code	Requirements

BD

BBMB D INK RESERVOIR DETACHABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE INK RESERVOIR IS DETACHABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMBDAC*; BBMBDAC$DAD*)

REPLY CODE	REPLY (AH97)
AC	DETACHABLE
AD	NOT DETACHABLE

BD, BG

BBMC D CLEANING PIN TYPE

Definition: INDICATES THE TYPE OF CLEANING PIN PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMCDANR*; BBMCDANR$DANS*)

REPLY CODE	REPLY (AK54)
ANR	FREE FLOATING
ANS	NONFLOATING

BD

AFYG D HANDLE

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS FURNISHED WITH A HANDLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFYGDF*; AFYGDF$DN*)

REPLY CODE	REPLY (AA55)
F	FURNISHED
N	NOT FURNISHED

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRCS ADQF AND AFYH: REPLY TO THESE MRCS IF REPLY CODE F IS ENTERED FOR MRC AFYG.

BD* (See Note Above)

ADQF D HANDLE TYPE

Definition: INDICATES THE TYPE OF A HANDLE DESIGNED TO BE ATTACHED TO OR THROUGH AN ITEM FOR THE PURPOSE OF OPENING, LIFTING, CLOSING, OR THE LIKE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADQFDBD*; ADQFDBB$DBD*)

REPLY CODE	REPLY (AC55)
BB	ADJUSTABLE ANGLE SOLID
BC	ANGLE SOLID
BD	STRAIGHT TUBULAR

BD* (See Note Preceding MRC ADQF)

AFYH D HANDLE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE HANDLE IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., AFYHDME0000*; AFYHDAL0000$DST0000*)

BE

BBMD D SCRIBER TYPE

Definition: AN INDICATION OF THE TYPE OF SCRIBER PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMDDAMT*; BBMDDAFG$DANX*)

REPLY CODE	REPLY (AK54)
AMT	ADJUSTABLE
ANW	FIXED
AFG	RIGID

APP Key	MRC	Mode Code	Requirements
		ANX	SWIVEL
BF			
	BBMF	D	PEN TYPE

Definition: INDICATES THE TYPE OF PEN PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMFDAMN*; BBMFDANZ$DAMN*)

REPLY CODE	REPLY (AK54)
ANZ	CURVE (contour)
APA	DOTTING
APB	DOUBLE CURVE (double contour)
APC	RAILROAD (railroad curve)
AMN	STRAIGHT

NOTE FOR MRCS BBMG, AJLB, AND BBMJ: IF REPLY CODE APA IS ENTERED FOR MRC BBMF, REPLY TO MRC BBMG. REPLY TO MRCS BBMH AND BBMJ IF REPLY CODE APC IS ENTERED FOR MRC BBMF. REPLY TO MRC AJLB IF REPLY CODE AMN IS ENTERED FOR MRC BBMF. REPLY TO MRC BBMJ IF REPLY CODE ANZ OR APB IS ENTERED FOR MRC BBMF.

BF* (See Note Above)

BBMG	A	DOTTING WHEEL QUANTITY

Definition: THE NUMBER OF DOTTING WHEELS.

Reply Instructions: Enter the quantity. (e.g., BBMGA6*)

BF* (See Note Preceding MRC BBMG)

BBMH	D	ADJUSTMENT LOCATION

Definition: INDICATES THE LOCATION OF THE ADJUSTMENT ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMHDAHP*; BBMHDAHP$DAKF*)

REPLY CODE	REPLY (AJ91)

APP Key	MRC	Mode Code	Requirements
		AHP	CENTER
		AKF	SIDE

BF* (See Note Preceding MRC BBMG)

AJLB A BLADE QUANTITY

Definition: THE NUMBER OF INDIVIDUAL BLADES INCLUDED.

Reply Instructions: Enter the quantity. (e.g., AJLBA3*)

BF* (See Note Preceding MRC BBMG)

BBMJ D HANDLE CONNECTION TYPE

Definition: INDICATES THE TYPE OF HANDLE CONNECTION PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMJDANW*; BBMJDANW$DANX*)

REPLY CODE	REPLY (AK54)
ANW	FIXED
ANX	SWIVEL

BF*

BBMN D SWIVEL LOCK

Definition: AN INDICATION OF WHETHER OR NOT A SWIVEL LOCK IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMNDB*; BBMNDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BF

ANCT D BLADE TYPE

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE TYPE OF BLADE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANCTDAT*; ANCTDAW$DAX*)

REPLY CODE	REPLY (AJ46)
AT	PRE-SET
AW	SPRING
AX	SPRING HINGE
AY	SWEDISH

BF*

BBMP D KNEE JOINT

Definition: AN INDICATION OF WHETHER OR NOT A KNEE JOINT(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMPDB*; BBMPDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BF

BBMQ D GRADUATED THUMBSCREW

Definition: AN INDICATION OF WHETHER OR NOT A GRADUATED THUMBSCREW IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMQDB*; BBMQDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

BF

APP Key	MRC	Mode Code	Requirements
	BBMR	D	HANDLE SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE HANDLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMRDMY*; BBMRDMYDFLDRD*)

REPLY CODE	REPLY (AD07)
MY	CLUB
FL	FLAT
RD	ROUND

BF*, BG

ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA5.000*; ABHPJLA127.0*; ABHPJAB5.000$$JAC5.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

SECTION: C

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED07489*)

CA, CB

BBMS	D	CURVE TYPE

Definition: INDICATES THE TYPE OF CURVE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMSDAPD*; BBMSDAPD$DAPF*)

REPLY CODE	REPLY (AK54)
APD	FRENCH (mechanical engineer)
APF	SHIP

CA, CB

STYL	L	STYLE DESIGNATOR

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ITEM.

Reply Instructions: Enter the applicable group designator and style number from Appendix B , Reference Drawing Group A, B or C. (e.g., STYLLA3*; STYLLB1$LC5*)

CA, CB

MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDPC0000*; MATLDPC0000$$DPCDX00*; MATLDPC0000$DPCDX00*)

APP Key	MRC	Mode Code	Requirements
CB			
	BBMT	A	CURVE QUANTITY

Definition: THE NUMBER OF CURVES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BBMTA8*)

CB

ALFK	D	CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALFKDB*; ALFKDB$$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

SECTION: D

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOW.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED04415*)

DA, DB, DC, DD, DE

APQB	D	UNIT TYPE

Definition: INDICATES THE SPECIFIC TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 10. (e.g., APQBDAFX*; APQBDAFR$DAFX*)

DA*

BBMW	D	LIFTING FACILITY

Definition: THE FACILITY PROVIDED FOR LIFTING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMWDBE*; BBMWDBE$DBF*)

REPLY CODE	REPLY (AC55)
BE	FINGER LIFT
BF	LIFT KNOB

DE*

ADQF	D	HANDLE TYPE

Definition: INDICATES THE TYPE OF HANDLE DESIGNED TO BE ATTACHED TO OR THROUGH AN ITEM FOR THE PURPOSE OF OPENING, LIFTING, CLOSING, OR THE LIKE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ADQFDBJ*; ADQFDBH$DBJ*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AC55)
BG	SOLID
BH	SWIVEL
BJ	SWIVEL W/LOCK UNIT

DA

MATL D MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., MATLDPC0000*; MATLDST0000$$DSTB000*; MATLDST0000$DSTB000*)

DA*, DB*, DC*

SURF D SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 2. (e.g., SURFDAN0000*; SURFDFNE000$$DNFG000*; SURFDFNE000$DNFG000*)

DA

BBMY D TRIANGLE PROFILE

Definition: THE REPRESENTATION OF A TRIANGLE IN OUTLINE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMYDAD*; BBMYDAB$DAD*)

REPLY CODE	REPLY (AM77)
AB	EQUILATERAL
AC	ISOSCELES
AD	RIGHT ANGLE

DA

BBMX J ANGLE AND QUANTITY

APP Key	MRC	Mode Code	Requirements

Definition: THE ANGLE INDICATED AND THE NUMBER OF EACH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the quantity. (e.g., BBMXJABH1*; BBMXJABH1$$JABL1$$JABM1*)

REPLY CODE	REPLY (AJ92)
ABM	0 TO 90 DEG
ABH	30 DEG
ABJ	45 DEG
ABK	60 DEG
ABL	90 DEG

DA

LGTH J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., LGTHJA12.000*; LGTHJL304.8*; LGTHJA6.000$$JA6.506*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

DB, DC

BBMZ D ARM MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ARM(S) IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BBMZDNS0000*; BBMZDALC000$$DBR0000*; BBMZDALC000$DBR0000*)

DB

BBNB J BAR LENGTH

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A BAR, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BBNBJAA21.000*; BBNBJLA53.4*; BBNBJAB20.000$$JAC21.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

DB

BBNC A MAXIMUM ENLARGING RATIO

Definition: A NUMERIC RELATIONSHIP REFLECTING THE MAXIMUM EXPANSION OF THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., BBNCA1 to 10*)

DB

BBND A MAXIMUM REDUCING RATIO

Definition: A NUMERIC RELATIONSHIP REFLECTING THE MAXIMUM REDUCTION OF THE ITEM.

Reply Instructions: Enter the numeric value. (e.g., BBNDA10 TO 1*)

DC

ADNM D FRAME MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE FRAME IS FABRICATED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ADNMDBR0000*; ADNMDAL0000$$DST0000*; ADNMDAL0000$DST0000*)

DC

ANBW D POINT MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE POINT OF THE ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., ANBWDST0000*; ANBWDSTAAG0$DTL0000*)

DC

BBNF D NEEDLE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE NEEDLE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BBNFDST0000*; BBNFDSTAAG0$DTL0000*)

DC*

BBNG J TRACER ARM EFFECTIVE LENGTH

Definition: A MEASUREMENT OF THE LONGEST ACTUAL DIMENSION OF THE TRACER ARM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BBNGJAA7.000*; BBNGJLA177.8*; BBNGJAB7.000$$JAC9.5000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

DC*

BBNH J POLE ARM MAXIMUM LENGTH

Definition: THE MAXIMUM MEASUREMENT OF THE LONGEST DIMENSION OF THE POLE ARM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBNHJA7.500*; BBNHJL190.5*; BBNHJA7.500$JA13.000*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

DC*

BBNJ J RAIL LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE RAIL, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBNJJA59.000*; BBNJJL1498.6*; BBNJJA59.000$$JA60.000*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

DC*

BBNK J DISTANCE OF RAIL TO AXIS OF MOMENT

Definition: THE DISTANCE OF THE RAIL TO THE AXIS OF THE MOMENTS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBNKJA7.500*; BBNKJL165.1*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

DC, DD*

BBNL J VERNIER MINIMUM READING

Definition: THE SMALLEST INCREMENT OF MEASURE REPRESENTED BY THE MARKINGS ON A VERNIER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBNLJDD0.020*; BBNLJDE0.2*; BBNLJDD0.010$$JDD0.040*)

REPLY CODE	REPLY (AG67)
DF	MINUTES
DE	SQUARE CENTIMETERS
DD	SQUARE INCHES

DC*

BBNM J LONGITUDINAL RANGE

Definition: A MEASUREMENT OF THE DIFFERENCE BETWEEN THE MINIMUM AND MAXIMUM LENGTHWISE DIMENSION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBNMJA16.000*; BBNMJL406.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

DC*

BBNN J TRANSVERSE RANGE

Definition: A MEASUREMENT OF THE DIFFERENCE BETWEEN THE MINIMUM AND MAXIMUM CROSSWISE DIMENSION.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBNNJA16.000*; BBNNJL406.4*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

DD

BBNP J DRAWING MAXIMUM SIZE FOR WHICH DESIGNED

Definition: THE MAXIMUM SIZE OF THE DRAWING FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric values, separated by a slash. Precede all values with a P. (e.g., BBNPJAP36.000/P60.000*; BBNPJLP914.4/P1295.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

DD*

BBNQ D AIRCRAFT NAVIGATIONAL SCALE TYPE

Definition: INDICATES THE TYPE OF AIRCRAFT NAVIGATIONAL SCALE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBNQDAE*; BBNQDAE$$DAF*)

REPLY CODE	REPLY (AM12)
AE	DRIFT
AF	GROUND SPEED
AG	HEADING-AIRSPEED
AH	WIND

DD*

BBNR A CHUCK PLATE SCALE QUANTITY

Definition: THE NUMBER OF SCALES PROVIDED WITH THE CHUCK PLATE.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the quantity. (e.g., BBNRA1*)

DD*

APSJ A SCALE QUANTITY

Definition: THE NUMBER OF SCALE(S) ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., APSJA2*)

If the item has more than one scale and the scales are of different types, use AND coding ($$), entering the quantity of each different scale. (e.g., APSJA1$$A2*)

DD*

BBNS J SCALE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE SCALE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. If the item has more than one scale of different types, use AND coding ($$), entering the length of each different scale in the same sequence as replies for MRC APSJ. (e.g., BBNSJA12.000*; BBNSJL304.8*; BBNSJA12.000$$JA18.000*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

DD*

AMNK G SCALE CALIBRATION

Definition: AN INDICATION OF THE MANNER IN WHICH THE SCALE IS CALIBRATED.

Reply Instructions: Enter the reply in clear text. (e.g., AMNKG16 PARTS PER IN.*)

DD*

BBNT J ARM LENGTH

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE ARM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBNTJA24.000*; BBNTJL609.6*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

DA, DD

BBNX D PROTRACTOR

Definition: AN INDICATION OF WHETHER OR NOT A PROTRACTOR IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBNXDB*; BBNXDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BBNY: REPLY TO THIS MRC, FOR APPLICABILITY KEY DA, IF REPLY CODE B IS ENTERED FOR MRC BBNX.

DA*, DD* (See Note Above)

BBNY D PROTRACTOR TYPE

Definition: INDICATES THE TYPE OF PROTRACTOR PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBNYDAJ*; BBNYDAE$DAJ*)

REPLY CODE	REPLY (AL36)
AE	FIXED
AJ	MOVABLE

APP Key	MRC	Mode Code	Requirements

NOTE FOR MRC BBNZ: REPLY TO THIS MRC, FOR APPLICABILITY KEY DA, IF REPLY CODE B IS ENTERED FOR MRC BBNX.

DA*, DD* (See Note Above)

BBNZ G PROTRACTOR CALIBRATION

Definition: AN INDICATION OF THE MANNER IN WHICH THE PROTRACTOR IS CALIBRATED.

Reply Instructions: Enter the reply in clear text. (e.g., BBNZG1/2 DEG*; BBNZG0 TO 360 DEG*)

NOTE FOR MRC BBRR: REPLY TO THIS MRC, FOR APPLICABILITY KEY DD, IF A REPLY IS ENTERED FOR MRC BBNZ.

DA*, DD* (See Note Above)

BBRR B PROTRACTOR MINIMUM INCREMENT IN DEG

Definition: THE SMALLEST VALUE, BETWEEN MARKINGS ON A PROTRACTOR, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., BBRRB1.0*)

DD*

BBNW J PROTRACTOR DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A PROTRACTOR, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBNWJA4.759*; BBNWJL120.6*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

DD

BBRS D PROTRACTOR QUADRANT GRADUATIONS

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT GRADUATIONS ARE PROVIDED WITH THE PROTRACTOR.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBRSDB*; BBRSDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

DD*

BBRT B PROTRACTOR QUADRANT MINIMUM INCREMENT IN DEG

Definition: THE SMALLEST VALUE, BETWEEN MARKINGS ON A PROTRACTOR QUADRANT, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., BBRTB1.0*)

DE

ARGG J FACE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A FACE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ARGGJAA1.125*; ARGGJLA28.5*; ARGGJAB1.125$$JAC1.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements
DE			
	BBRW	G	DIAL OUTER SCALE GRADUATION
	Definition: AN INDICATION OF THE OUTER SCALE GRADUATION ON THE DIAL.		
	Reply Instructions: Enter the reply in clear text. (e.g., BBRWG39 IN. IN 1/2 IN. DIVISIONS*)		
DE			
	BBRX	G	DIAL INNER SCALE GRADUATION
	Definition: AN INDICATION OF THE INNER SCALE GRADUATION ON THE DIAL.		
	Reply Instructions: Enter the reply in clear text. (e.g., BBRXG99 CENTIMETERS IN 1 CENTIMETER DIVISIONS*)		
NOTE FOR MRCS BBRY AND BBRZ: REPLY TO THESE MRCS IF THE ITEM HAS MORE THAN ONE DIAL WITH INNER AND OUTER SCALES.			
DE* (See Note Above)			
	BBRY	A	GRADUATION DIAL QUANTITY
	Definition: THE NUMBER OF GRADUATION DIALS PROVIDED.		
	Reply Instructions: Enter the quantity. (e.g., BBRYA2*)		
DE* (See Note Preceding MRC BBRY)			
	BBRZ	G	INDIVIDUAL DIAL GRADUATION
	Definition: AN INDICATION OF THE INDIVIDUAL DIAL GRADUATION(S).		
	Reply Instructions: Enter the reply in clear text. (e.g., BBRZG12.0 IN. IN 1/8 IN. DIVISIONS*)		
DE			
	BBSB	G	DIAL MEASURING WHEEL GRADUATION
	Definition: AN INDICATION OF THE DIAL MEASURING WHEEL GRADUATION(S).		

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., BBSBG1/32 IN.*)

DD*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AKYDGANCHORS,2*; AKYDGANCHORS,2; STRAIGHTEDGE,1*)

DD

BBSC D MOUNTED MAGNIFIER

Definition: AN INDICATION OF WHETHER OR NOT A MOUNTED MAGNIFIER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSCDB*; BBSCDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

DD

BBSD D ADJUSTING SCREW

Definition: AN INDICATION OF WHETHER OR NOT AN ADJUSTING SCREW IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSDDB*; BBSCDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

DB, DC, DD

APP Key	MRC	Mode Code	Requirements
	AFJU	D	CARRYING CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IN NORMAL OPERABLE CONDIDTION IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJUDB*; AFJUDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

DB*, DC*, DD*

	ANEX	A	CARRYING CASE QUANTITY

Definition: THE NUMBER OF CARRYING CASES INCLUDED.

Reply Instructions: Enter the quantity. (e.g., ANEXA2*)

SECTION: E

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED04363*)		
EA, EC			
	APQB	D	UNIT TYPE
	Definition: INDICATES THE TYPE OF UNIT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 10. (e.g., APQBDAGK*; APQBDAFX$DAGK*)		
EA, EC			
	MATL	D	MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., MATLDSTB000*; MATLDNS0000$$DST0000*; MATLDNS0000DST0000*)		
EA*, EC*			
	SURF	D	SURFACE TREATMENT
	Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELEVTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 2. (e.g., SURFDNR0000*; SURFDNFG000$$DNR0000*: SURFDNFG000$DNR0000*)		
EA*, EC			
	BBSF	D	LEG SHAPE

APP
Key MRC Mode Code Requirements

Definition: THE PHYSICAL CONFIGURATION OF THE LEG.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSFDFL*; BBSFDFL$DSQ*)

REPLY CODE	REPLY (AD07)
FL	FLAT
RD	ROUND
SQ	SQUARE

NOTE FOR MRCS BBSG, BBMP, AND BBSH: REPLY TO THESE MRCS IF A REPLY IS ENTERED FOR MRC BBSF.

EA*, EC* (See Note Above)

BBSG D ADJUSTMENT SCREW LOCATION

Definition: INDICATES THE LOCATION OF THE ADJUSTMENT SCREW ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSGDAHP*; BBSGDAHP$DAKF*)

REPLY CODE	REPLY (AJ91)
AHP	CENTER
AKF	SIDE

EA*, EC* (See Note Preceding MRC BBSG)

BBMP D KNEE JOINT

Definition: AN INDICATION OF WHETHER OR NOT A KNEE JOINT(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMPDB*; BBMPDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

EA*, EC* (See Note Preceding MRC BBSG)

BBSH D STRAIGHTENING DEVICE

Definition: AN INDICATION OF WHETHER OR NOT A STRAIGHTENING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSHDB*; BBSHDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

EA, EC*

BBSJ D ARC

Definition: AN INDICATION OF WHETHER OR NOT AN ARC IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSJDB*; BBSJDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC APGF: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC BBSJ.

EA*, EC* (See Note Above)

APGF D DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDAPJ*; APGFDAPJ$DAPK*)

REPLY CODE	REPLY (AK54)
APJ	GRADUATED
APK	NONGRADUATED

APP Key	MRC	Mode Code	Requirements

EA, EC

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA4.000*; ABHPJLA101.6*; ABHPJAB3.500$$JAC4.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

EB, EC

BBSK D BEAM

Definition: AN INDICATION OF WHETHER OR NOT A BEAM(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSKDB*; BBSKDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS ATJC, LGTH, BBSL, AND BBSM: REPLY TO THESE MRCS IF REPLY CODE B IS ENTERED FOR MRC BBSK.

EB*, EC* (See Note Above)

ATJC D BEAM MATERIAL

APP Key	MRC	Mode Code	Requirements

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BEAM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., ATJCDME0000*; ATJCDME0000$$DWD0000*; ATJCDME0000$DWD0000*)

EB*, EC* (See Note Preceding MRC ATJC)

LGTH J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., LGTHJA8.000*; LGTHJL203.2*; LGTHJA14.000$JA16.000*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

EB*, EC* (See Note Preceding MRC ATJC)

BBSL D COUPLER

Definition: AN INDICATION OF WHETHER OR NOT A COUPLER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSLDB*; BBSLDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

EB*, EC* (See Note Preceding MRC ATJC)

BBSM D FITTED DESIGN

Definition: AN INDICATION OF WHETHER OR NOT A FITTED DESIGN IS INCLUDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSMDB*; BBSMDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

EB

BBSN A CLAMP QUANTITY

Definition: THE NUMBER OF CLAMPS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BBSNA2*)

EB

BBSP D CLAMP MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CLAMP(S) IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BBSPDAL0000*; BBSPDNS0000$$DST0000*; BBSPDNS0000$DST0000*)

EB

BBSQ D CLAMP MOVABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE CLAMP IS MOVABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSQDAB*; BBSQDAB$DAC*)

REPLY CODE	REPLY (AM87)
AB	MOVABLE
AC	NONMOVABLE (fixed)

NOTE FOR MRC AHGQ: REPLY TO THIS MRC IF REPLY CODE AB IS ENTERED FOR MRC BBSQ.

EB* (See Note Above)

APP Key	MRC	Mode Code	Requirements
	AHGQ	D	CLAMP TYPE

Definition: INDICATES THE TYPE OF CLAMP PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AHGQDAH*; AHGQDAH$DAJ*)

REPLY CODE	REPLY (AF32)
AH	ROLLER
AJ	THUMBSCREW

EB

	BBSR	D	CLAMP MICROMETER ADJUSTMENT

Definition: AN INDICATION OF WHETHER OR NOT A CLAMP MICROMETER ADJUSTMENT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSRDB*; BBSRDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

EA*, EB*, EC*

	BBSS	G	POINT NAME AND QUANTITY

Definition: THE NAME AND NUMBER OF POINTS INCLUDED WITH THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., BBSSGNEEDLES, 2*)

EA*, EB*, EC*

	AKYD	G	ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AKYDGLEAD HOLDER,1*; AKYDGLEAD HOLDER,1; DIVIDER POINT,1*)

EA, EB, EC

AFJU D CARRYING CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IN NORMAL OPERABLE CONDITION IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJUDB*; AFJUDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

SECTION: F

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED04381*)

FA

MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDME0000*; MATLDME0000$$DPC0000*; MATLDME0000$DPC0000*)

FA

DMTR	J	DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., DMTRJA8.000*; DMTRJL20.3*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

FB

AAFZ	D	BODY MATERIAL

Definition: THE BASIC MATERIAL OF WHICH THE ITEM IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e. g., AAFZDBN0000*; AAFZDNS0000$$DPC0000*; AAFZDNS0000$DPC0000*)

APP Key	MRC	Mode Code	Requirements

FB

ARNG D BODY SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE BODY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARNGDCR*; ARNGDFF$DSQ*)

REPLY CODE	REPLY (AD07)
CR	CIRCULAR
FF	SEMICIRCULAR
SQ	SQUARE

FB*

AECW J BODY DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AECWJA8.000*; AECWJL203.2*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

FB

BBST D MAGNIFYING LENS

Definition: AN INDICATION OF WHETHER OR NOT A MAGNIFYING LENS IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBSTDB*; BBSTDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

FA, FB

ANBJ J GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANBJJAAC0.500*; ANBJJAAW10.000*; ANBJJAAC10.000$JAAW20000.000*)

REPLY CODE	REPLY (AJ40)
AAC	DEGREES
AAG	INCH
BBF	MILES
AAW	MILS

FA, FB

AMNK G SCALE CALIBRATION

Definition: AN INDICATION OF THE MANNER IN WHICH THE SCALE IS CALIBRATED.

Reply Instructions: Enter the reply in clear text. (e.g., AMNKG0 TO 180 EVERY 10 DEGREES BOTH WAYS*)

FA

APSJ A SCALE QUANTITY

Definition: THE NUMBER OF SCALE(S) ON THE ITEM.

Reply Instructions: Enter the quantity. (e.g., APSJA2*)

FB*

BBSX A VERNIER QUANTITY

Definition: THE NUMBER OF VERNIERS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BBSXA1*)

APP
Key MRC Mode Code Requirements

NOTE FOR MRCS BBSY, BBSZ, AND BBZB: REPLY TO THESE MRCS IF A REPLY IS ENTERED FOR MRC BBSX.

FB* (See Note Above)

BBSY J VERNIER SMALLEST INCREMENT

Definition: THE SMALLEST VALUE BETWEEN MARKINGS ON THE VERNIER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBSYJDF1.000*; BBSYJDK60.94*)

REPLY CODE	REPLY (AG67)
DF	MINUTES
DK	SECONDS

FB* (See Note Preceding MRC BBSY)

BBSZ A TANGENT SCREW QUANTITY

Definition: THE NUMBER OF TANGENT SCREWS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BBSZA1*)

FB* (See Note Preceding MRC BBSY)

BBZB D CLAMP LOCK

Definition: AN INDICATION OF WHETHER OR NOT A CLAMP LOCK IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZBDB*; BBZBDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

FB

BBMZ D ARM MATERIAL

APP Key	MRC	Mode Code	Requirements

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ARM(S) IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BBMZDNS0000*; BBMZDNS0000$$DPC0000*; BBMZDNS0000$DPC0000*)

FB*

BDXK J ARM LENGTH FROM CIRCLE OUTER EDGE

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE ARM LENGTH FROM THE OUTER EDGE OF A CIRCLE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDXKJA18.000*; BDXKJL457.2*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

FB*

BBZC D MOVABLE ARM CLOSING TO ZERO MARK

Definition: AN INDICATION OF THE MOVABLE ARM THAT CAN BE CLOSED TO THE ZERO MARK.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZCDAHP*; BBZCDABM$DABN*)

REPLY CODE	REPLY (AH21)
AHP	BOTH
ABM	LEFT-HAND
ABN	RIGHT-HAND

FB*

BBZD D EXTENSION ARM

Definition: AN INDICATION OF WHETHER OR NOT AN EXTENSION ARM(S) IS INCLUDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZDDB*; BBZDDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BBZF: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC BBZD.

FB* (See Note Above)

BBZF J EXTENSION ARM LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE EXTENSION ARM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BBZFJA13.500*; BBZFJL142.9*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

FB*

BBZG D CENTER MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CENTER IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BBZGDBXA000*; BBZGDBXA000$$DME0000*; BBZGDBXA000$DME0000*)

FB

ALFK D CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IS PROVIDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALFKDB*; ALFKDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

FB*

AKYD	G	ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AKYDGSTRAIGHTEDGE,2*; AKYDGSTRAIGHTEDGE,2; CLAMP,1*)

SECTION: G

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED06479*)

GB			
	APQB	D	UNIT TYPE

Definition: INDICATES THE TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 10. (e.g., APQBDAGK*)

NOTE FOR MRC BBMH: REPLY TO THIS MRC IF REPLY CODE AGK IS ENTERED FOR MRC APQB.

GB* (See Note Above)			
	BBMH	D	ADJUSTMENT LOCATION

Definition: INDICATES THE LOCATION OF THE ADJUSTMENT ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBMHDAKF*; BBMHDAHP$DAKF*)

REPLY CODE	REPLY (AJ91)
AHP	CENTER
AKF	SIDE

NOTE FOR MRC BDXL: REPLY TO THIS MRC IF REPLY CODE AGN IS ENTERED FOR MRC APQB.

GB* (See Note Above)			
	BDXL	D	HAIRSPRING ADJUSTMENT

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A HAIRSPRING ADJUSTMENT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDXLDB*; BDXLDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GA, GB, GC

MATL D MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., MATLDAL0000*; MATLDAL0000$$DST0000*; MATLDAL0000$DST0000*)

GB*, GC*

SURF D SURFACE TREATMENT

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 2. (e.g., SURFDGB0000*; SURFDENC000$$DLQC000*; SURFDENC000$DLQC000*)

GA, GB, GC

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA203.2*; ABHPJAB3.500$$JAC3.750*)

Table 1

REPLY CODE	REPLY (AA05)

APP Key	MRC	Mode Code	Requirements
		A	INCHES
		L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

GA, GC

BBZH D GRADUATION DESIGN TYPE

Definition: INDICATES THE TYPE OF GRADUATION(S) FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZHDAPQ*; BBZHDAPQ$DAPR*)

REPLY CODE	REPLY (AK54)
APQ	CIRCLE
APR	LINE
BDP	PLANE
AEL	SOLID

GA

BBZJ D SETTING TABLE

Definition: AN INDICATION OF WHETHER OR NOT A SETTINGS(S) TABLE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZJDB*; BBZJDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GA

APP Key	MRC	Mode Code	Requirements
	BBZK	D	RACK MOVEMENT

Definition: AN INDICATION OF WHETHER OR NOT A RACK MOVEMENT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZKDB*; BBZKDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GA

BBZL D PIVOT SLIDE VERNIER

Definition: AN INDICATION OF WHETHER OR NOT A PIVOT SLIDE VERNIER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZLDB*; BBZLDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GA

BDXM D ADJUSTABLE STEEL POINT

Definition: AN INDICATION OF WHETHER OR NOT AN ADJUSTABLE STEEL POINT(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDXMDB*; BDXMDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GB

APP Key	MRC	Mode Code	Requirements
	BBZM	D	LEG KNEE JOINT

Definition: AN INDICATION OF WHETHER OR NOT A LEG KNEE JOINT(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZMDB*; BBZMDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GB

BBZN D LEG STRAIGHTENING DEVICE

Definition: AN INDICATION OF WHETHER OR NOT A LEG STRAIGHTENING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZNDB*; BBZNDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

GB*

BBZP D LEG NEEDLE POINT TYPE

Definition: INDICATES THE TYPE OF LEG NEEDLE POINT(S) PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZPDBY*; BBZPDBY$$DGT*; BBZPDBY$DGT*)

REPLY CODE	REPLY (AB47)
BY	REPLACEABLE
GT	REVERSIBLE

GA, GC

APP Key	MRC	Mode Code	Requirements
	ALFK	D	CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALFKDB*; ALFKDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

SECTION: H

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED18886*)

HB, HC, HD			
	BBZT	D	LEG MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE LEG(S) IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BBZTDAL0000*; BBZTDAL0000$$DALC000*; BBZTDAL0000$DALC000*)

HB*, HC*, HD*			
	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA40.000*; ABHPJLA1200.0*; ABHPJAB40.000$$JAC40.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HB*, HC*, HD*

APP Key	MRC	Mode Code	Requirements
	ABMK	J	OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA30.000*; ABMKJLA700.0*; ABMKJAB30.000$$JAC32.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HB*, HC*, HD*

	ADAV	J	OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA1.250*; ADAVJLA31.7*; ADAVJAB1.125$$JAC1.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HB*, HC*, HD*

APP Key	MRC	Mode Code	Requirements
	ABKW	J	OVERALL HEIGHT

Definition: THE DISTANCE MEASURED IN A STRAIGHT LINE FROM THE BOTTOM TO THE TOP OF AN ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABKWJAA37.000*; ABKWJLA939.8*; ABKWJAB37.000$$JAC37.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HB

	BBZZ	D	TILT ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE TILT IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBZZDA*; BBZZDA$DC*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

NOTE FOR MRC BCBB: REPLY TO THIS MRC IF REPLY CODE A IS ENTERED FOR MRC BBZZ.

HB* (See Note Above)

	BCBB	F	TILT RANGE IN DEG

APP Key	MRC	Mode Code	Requirements

Definition: THE MINIMUM AND MAXIMUM TILT OF THE ITEM, EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric values separated with a slash. Precede all values with a P. (e.g., BCBBFP0.0/P40.0*; BCBBFP0.0/P40.0$FP0.0/P90.0*)

HB

BCBC D ILLUMINATED SURFACE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ILLUMINATED SURFACE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BCBCDGS0000*; BCBCDGS0000$$DPC0000*; BCBCDGS0000$DPC0000*)

HB

BCBD J ILLUMINATED SURFACE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE ILLUMINATED SURFACE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCBDJA36.000*; BCBDJL914.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

HB

BCBF J ILLUMINATED SURFACE WIDTH

Definition: THE MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE ILLIMINATED SURFACE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCBFJA24.000*; BCBFJL609.6*)

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

HB*

AAXX D MOUNTING TYPE

Definition: INDICATES THE TYPE OF MOUNT UTILIZED TO SUPPORT THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAXXDBM*; AAXXDGZ$DHB*)

REPLY CODE	REPLY (AA78)
BM	PEDESTAL
GW	PORTA-TRACE
GX	TRESTLE
GY	2-LAMP
GZ	4-ADJUSTABLE LEG
HB	4-POST

HB

AMQY D INSTALLATION DESIGN

Definition: THE INSTALLATION FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMQYDAJ*; AMQYDAJ$DAF*)

REPLY CODE	REPLY (AJ17)
AJ	FIXED
AF	PORTABLE

HB

AALY D MOUNTING MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE MOUNTING IS FABRICATED.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., AALYDME0000*; AALYDME0000$$DWD0000*; AALYDME0000$DWD0000*)

APP Key	MRC	Mode Code	Requirements

HB*

AEWR A LAMP QUANTITY

Definition: THE NUMBER OF LAMPS INCLUDED WITH THE ITEM.

Reply Instructions: For a single lamp or multiple lamps having the same characteristics, enter one reply. (e.g., AEWRA1*; AEWRA3*; AEWRA1$$A1*)

HB*

AEWY D LAMP TYPE

Definition: INDICATES THE FORM, CONSTRUCTION, OR TYPE OF LAMP WHICH DISTINGUISHES IT FROM OTHER LIKE ITEMS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEWYDAD*; AEWYDAD$DAF*)

REPLY CODE	REPLY (AD48)
AD	FLUORESCENT
AF	INCANDESCENT

HB*

AEWS B LAMP WATTAGE RATING IN WATTS

Definition: THE RATED POWER THAT A LAMP CAN SAFELY CONSUME OR PROVIDE, MEASURED IN WATTS. Reply Instructions; Enter the numeric value. (e.g., AEWSB15.0*)

For multiple replies, enter in the same sequence as replies for MRC AEWR. (e.g., AEWSB75.0$$B100.0*)

HC

AYHG J BOARD OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE BOARD.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AYHGJAA60.000*; AYHGJLA1524.0*; AYHGJAB72.000$$JAC84.000*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HC

AYHH J BOARD OVERALL WIDTH

Definition: THE OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE BOARD, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AYHHJAA36.000*; AYHHJLA914.4*; AYHHJAB36.000$$JAC37.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HC

BCBG J BOARD OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF THE BOARD, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCBGJAA1.125*; BCBGJLA28.1*; BCBGJAB1.000$$JAC1.125*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HC

BCBH D BOARD ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE BOARD IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCBHDA*; BCBHDA$DC*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

NOTE FOR MRC BCBJ: REPLY TO THIS MRC IF REPLY CODE A IS ENTERED FOR MRC BCBH.

HC* (See Note Above)

BCBJ B MAXIMUM HORIZONTAL TILT ANGLE IN DEG

Definition: THE MAXIMUM HORIZONTAL TILT ANGLE EXPRESSED IN DEGREES.

Reply Instructions: Enter the numeric value. (e.g., BCBJB90.0*)

HC

BCBK D INSTRUMENT TROUGH

Definition: AN INDICATION OF WHETHER OR NOT AN INSTRUMENT TROUGH IS INCLUDED.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCBKDB*; BCBKDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

HC

BCBL D HEIGHT ADJUSTABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE HEIGHT IS ADJUSTABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCBLDA*; BCBLDA$DC*)

REPLY CODE	REPLY (AB00)
A	ADJUSTABLE
C	NONADJUSTABLE

HC

HGTH J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: If the height is nonadjustable, enter the applicable Reply Codes from Tables 1 and 2 below, for the nominal height, followed by the numeric value. (e.g., HGTHJAA37.000*; HGTHJLA939.8*)

If the height is adjustable, enter the minimum dimension first, followed by the maximum dimension. (e.g., HGTHJAB34.000$$JAC36.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)

APP Key	MRC	Mode Code	Requirements
		A	NOMINAL
		B	MINIMUM
		C	MAXIMUM

HC

AWHL D PEDESTAL

Definition: AN INDICATION OF WHETHER OR NOT A PEDESTAL IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHLDB*; AWHLDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

NOTE FOR MRCS BCBM AND BCBN: REPLY TO THESE MRCS IF REPLY CODE B IS ENTERED FOR MRC AWHL.

HC* (See Note Above)

BCBM A PEDESTAL QUANTITY

Definition: THE NUMBER OF PEDESTALS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BCBMA2*)

HC* (See Note Preceding MRC BCBM)

BCBN D PEDESTAL MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE PEDESTAL IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BCBNDME0000*; BCBNDME0000$$DWD0000*; BCBNDME0000$DWD0000*)

HC

AWHC D DRAWER

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A DRAWER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWHCDB*; AWHCDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS BCBP, BCBQ, BCBR, BCBS, BCBT, AND BCBW: REPLY TO THESE MRCS IF REPLY CODE B IS ENTERED FOR MRC AWHC.

HC* (See Note Above)

BCBP A DRAWER QUANTITY

Definition: THE NUMBER OF DRAWERS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BCBPA2*)

HC* (See Note Preceding MRC BCBP)

BCBQ D DRAWER MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE DRAWER IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BCBQDWD0000*; BCBQDME0000$$DWD0000*; BCBQDME0000$DWD0000*)

HC* (See Note Preceding MRC BCBP)

BCBR J DRAWER INSIDE LENGTH

Definition: AN INSIDE MEASUREMENT OF THE LONGEST DIMENSION OF A DRAWER, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCBRJA27.250*; BCBRJL692.1*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP
Key MRC Mode Code Requirements

HC* (See Note Preceding MRC BCBP)

BCBS J DRAWER INSIDE WIDTH

Definition: AN INSIDE MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE DRAWER, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCBSJA10.500*; BCBSJL266.7*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

HC* (See Note Preceding MRC BCBP)

BCBT J DRAWER INSIDE DEPTH

Definition: AN INSIDE MEASUREMENT BETWEEN SPECIFIED POINTS ON THE DRAWER, IN DISTINCTION FROM HEIGHT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCBTJA1.500*; BCBTJL38.1*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

HC* (See Note Preceding MRC BCBP)

BCBW D DRAWER LOCK

Definition: AN INDICATION OF WHETHER OR NOT A DRAWER LOCK IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCBWDB*; BCBWDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

HC

BBLW D FOLDABILITY

Definition: AN INDICATION OF WHETHER OR NOT THE ITEM IS FOLDABLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BBLWDP*; BBLWDP$DM*)

REPLY CODE	REPLY (AM73)
P	FOLDABLE
M	NONFOLDABLE

HC

BCBX D STATIONARY REFERENCE SURFACE

Definition: AN INDICATION OF WHETHER OR NOT A STATIONARY REFERENCE SURFACE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCBXDB*; BCBXDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS ABHQ AND ABGL: REPLY TO THESE MRCS IF REPLY CODE B IS ENTERED FOR MRC BCBX.

HC* (See Note Above)

ABHQ J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHQJAA32.500*; ABHQJLA855.5*; ABHQJAB32.500$$JAC36.000*)

APP Key	MRC	Mode Code	Requirements

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HC* (See Note Preceding MRC ABHQ)

ABGL J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABGLJAA22.750*; ABGLJLA577.8*; ABGLJAB14.000$$JAC18.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

HC

BCBY D FOOT REST

Definition: AN INDICATION OF WHETHER OR NOT A FOOT REST IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCBYDB*; BCBYDB$DC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

HD

MATL D MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDEING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDALC000*; MATLDAL0000$$DST0000*; MATLDAL0000$DST0000*)

HD

AZCH D LEVELING FACILITY

Definition: AN INDICATION OF WHETHER OR NOT A LEVELING FACILITY(IES) IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AZCHDB*; AZCHDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

HD

AFBT D CASTERS

Definition: AN INDICATION OF WHETHER OR NOT CASTERS ARE INCLUDED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFBTDB*: AFBTDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

HD

AAPF D MOUNTING HARDWARE

Definition: AN INDICATION WHETHER OR NOT MOUNTING HARDWARE IS FURNISHED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAPFDF*; AAPFDF$DN*)

REPLY CODE	REPLY (AA55)
F	FURNISHED
N	NOT FURNISHED

HB*, HC*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AKYDGSTRAIGHTEDGE,2*; AKYDGSTRAIGHT EDGE,2; CLAMPS,2*)

HD*

AKWA G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME

Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

Reply Instructions: Enter the name in clear text. (e.g., AKWAGLEG, ELECTRICAL EQUIPMENT*)

HD*

AKWB G JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER

Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.

APP Key	MRC	Mode Code	Requirements
	Reply Instructions: Enter the type number.		
	(e.g., AKWBGMT-2786/PRC-47*)		

SECTION: J

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED04365*)		
JA, JB			
	AASK	L	HEAD STYLE
	Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE HEAD.		
	Reply Instructions: Enter the applicable style number from Appendix B, Reference Drawing Group B. (e.g., AASKL1*)		
JA*, JB*			
	BCFB	A	HEAD THREAD SIZE
	Definition: DESIGNATES THE THREAD DIAMETER AND NUMBER OF THREADS PER MEASUREMENT SCALE OF A HOLE.		
	Reply Instructions: Enter the thread diameter and number of threads per inch.		
	(e.g., BCFBA3 1/2-8*)		
JA*, JB*			
	BCFC	A	HEAD BINDING SCREW THREAD SIZE
	Definition: DESIGNATES THE SCREW THREAD DIAMETER AND NUMBER OF THREADS PER MEASUREMENT SCALE OF A HEAD BINDING.		
	Reply Instructions: Enter the thread diameter and number of threads per inch.		
	(e.g., BCFCA3 1/2-13*)		
JA*			
	BCFD	D	TAPERED SPINDLE HEAD MATERIAL

APP Key	MRC	Mode Code	Requirements

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH A TAPERED SPINDLE HEAD IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BCFDDST0000*; BCFDDAL0000$$DST0000*; BCFDDAL0000$DST0000*)

JA*

BCFF	J	ACCOMMODATED HEAD SUPPORT TUBE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF THE ACCOMMODATED HEAD SUPPORT TUBE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCFFJA1.000*; BCFFJL25.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

JA

BCFG	D	HEAD SUPPORT TUBE

Definition: AN INDICATION OF WHETHER OR NOT A HEAD SUPPORT TUBE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCFGDB*; BCFGDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

JB

HGTH	J	HEIGHT

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., HGTHJAA4.000*; HGTHJLA101.6*; HGTHJAB2.500$$JAC3.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

JB

ANCZ D CAP

Definition: AN INDICATION OF WHETHER OR NOT A CAP IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANCZDB*; ANCZDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

JA

BCFH D HEAD ADAPTER

Definition: AN INDICATION OF WHETHER OR NOT AN ADAPTER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCFHDB*; BCFHDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED

APP Key	MRC	Mode Code	Requirements
		C	NOT INCLUDED

NOTE FOR MRCS AJUQ AND BCFJ: REPLY TO THESE MRCS IF REPLY CODE B IS ENTERED FOR MRC BCFH.

JA* (See Note Above)

AJUQ L ADAPTER STYLE

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE ADAPTER.

Reply Instructions: Enter the applicable style number from Appendix B , Reference Drawing Group C. (e.g., AJUQL3*)

JA* (See Note Preceding MRC AJUQ)

BCFJ D ASSEMBLY STRAP

Definition: AN INDICATION OF WHETHER OR NOT AN ASSEMBLY STRAP IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCFJDB*; BCFJDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

JA*

BCFK G END ITEM MANUFACTURER NAME

Definition: THE NAME OF THE MANUFACTURER OF THE END ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., BCFKGWILD HEERBRUGG INSTRUMENTS, INC*)

JA*

BCFL G END ITEM MANUFACTURER ADDRESS

APP Key	MRC	Mode Code	Requirements

Definition: THE ADDRESS OF THE MANUFACTURER OF THE END ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., BCFLGHEERBRUGG, SWITZERLAND*)

JA

BCFM D LEG TYPE

Definition: INDICATES THE TYPE OF LEG PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCFMDAPW*; BCFMDAPW$DANW*)

REPLY CODE	REPLY (AK54)
APW	EXTENSION
ANW	FIXED

NOTE FOR MRC BCFN: REPLY TO THIS MRC IF REPLY CODE ANW IS ENTERED FOR MRC BCFM.

JA* (See Note Above)

BCFN D LEG CONSTRUCTION

Definition: THE STRUCTURAL CHARACTERISTIC OF THE LEG.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCFNDABR*; BCFNDABR$DAAQ*)

REPLY CODE	REPLY (AL59)
AAQ	SOLID
ABR	SPLIT

JA

BBZT D LEG MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE LEG(S) IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BBZTDST0000*; BBZTDME0000$$DWD0000*; BBZTDME0000$DWD0000*)

APP Key	MRC	Mode Code	Requirements

JA

AHSJ J LEG LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE LEG, IN DISTINCTION FROM WIDTH.

Reply Instructions: For a fixed type leg, enter the applicable Reply Codes for the nominal length from Tables 1 and 2 below, followed by the numeric value. (e.g., AHSJJAA44.750*; AHSJJLA1136.6*)

For an extension type leg, enter the mininum dimension first, followed by the maximum dimension. (e.g., AHSJJAB40.000$$JAC62.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

JA

BCFP A SECTION QUANTITY PER LEG

Definition: THE NUMBER OF SECTIONS FOR EACH LEG.

Reply Instructions: Enter the quantity. (e.g., BCFPA3*)

JA

BCFQ D FOOT TIP MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE FOOT TIP IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BCFQDBN0000*; BCFQDBN0000$$DME0000*; BCFQDBN0000$DME0000*)

JA

APP Key	MRC	Mode Code	Requirements
	BCFR	D	HOLDING STRAP

Definition: AN INDICATION OF WHETHER OR NOT A HOLDING STRAP IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCFRDB*; BCFRDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

JA

	AFJU	D	CARRYING CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IN NORMAL OPERABLE CONDITION IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJUDB*; AFJUDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

JA*

	AKYD	G	ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AKYDGSTRAIGHTEDGE,2*; AKDYGSTRAIGHTEDGE,2; SUPPORT TUBE,1*)

SECTION: K

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME
	Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.		
	Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED04372*)		
KB			
	APQB	D	UNIT TYPE
	Definition: INDICATES THE TYPE OF UNIT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 10. (e.g., APQBDAFG*; APQBDAGG$DAGP*)		
NOTE FOR MRCS AESH AND BCFS: REPLY TO THESE MRCS IF REPLY CODE AGG IS ENTERED FOR MRC APQB.			
KB* (See Note Above)			
	AESH	D	BASE MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BASE IS FABRICATED.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., AESHDBR0000*; AESHDBR0000$$DNS0000*; AESHDBR0000$DNS0000*)		
KB* (See Note Preceding MRC AESH)			
	BCFS	D	ROLLER ASSEMBLY MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE ROLLER ASSEMBLY IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BCFSDBR0000*; BCFSDBR0000$$DNS0000*; BCFSDBR0000$DNS0000*)		
KA			

APP Key	MRC	Mode Code	Requirements
	ARGE	D	HEAD MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE HEAD IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., ARGEDALC000*; ARGEDPC0000$$DWD0000*; ARGEDPC0000$DWD0000*)		
KA*			
	ASWF	D	HEAD SURFACE TREATMENT
	Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS A HEAD SURFACE.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 2. (e.g., ASWFDAN0000*; ASWFDAN0000$$DLQC000*; ASWFDAN0000$DLQC000*)		
KA			
	AJGD	D	HEAD TYPE
	Definition: INDICATES THE TYPE OF HEAD PROVIDED.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 7. (e.g., AJGDDPF*; AJGDDPF$$DPJ*)		
KA*, KB*, KC*			
	AJLC	D	BLADE MATERIAL
	Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BLADE IS FABRICATED.		
	Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., AJLCDPC0000*; AJLCDPC0000$$DWD0000*; AJLCDPC0000$DWD0000*)		
	Do not include material of edges.		
KA*, KB*			
	AJLD	D	BLADE SURFACE TREATMENT

APP Key	MRC	Mode Code	Requirements

Definition: CONSISTS OF PLATING, DIP, AND/OR COATING THAT CANNOT BE WIPED OFF. PLATING AND/OR COATING IS ANY CHEMICAL AND/OR METALLIC ADDITIVE, ELECTROCHEMICAL, OR MILD MECHANICAL PROCESS WHICH PROTECTS THE BLADE SURFACE.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 2. (e.g., AJLDDAN0000*; AJLDDAN0000$$DLQC000*; AJLDDAN0000$DLQC000*)

KB*

AJQE D MATERIAL TRANSPARENCY

Definition: THE ABILITY OF THE MATERIAL TO TRANSMIT LIGHT AND ALLOW VISUAL PERCEPTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJQEDAE*; AJQEDAE$DAJ*)

REPLY CODE	REPLY (AF93)
AE	OPAQUE
AJ	TRANSPARENT

KB*, KC

ARQS D CONSTRUCTION

Definition: THE STRUCTURAL CHARACTERISTIC OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ARQSDAAM*; ARQSDAAM$DAAQ*)

REPLY CODE	REPLY (AL59)
AAM	LAMINATED
AAQ	SOLID

KC

BCFT D GUIDE CORD TUNNEL

Definition: AN INDICATION OF WHETHER OR NOT A GUIDE CORD TUNNEL IS INCLUDED.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCFTDB*; BCFTDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BCFW: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC BCFT.

KC* (See Note Above)

BCFW D GUIDE CORD TUNNEL TYPE

Definition: INDICATES THE TYPE OF GUIDE CORD TUNNEL PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCFWDAQK*; BCFWDAQK$DAQL*)

REPLY CODE	REPLY (AK54)
AQK	CHANNEL
AQL	RIDGE

KC

BCFX D PENCIL LEDGE

Definition: AN INDICATION OF WHETHER OR NOT A PENCIL LEDGE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCFXDB*; BCFXDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

KC

BCFY A EDGE QUANTITY

APP Key	MRC	Mode Code	Requirements

Definition: THE NUMBER OF EDGES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BCFYA2*)

KC

BCFZ D EDGE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE EDGE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BCFZDPC0000*; BCFZDPC0000$$DPCDX00*; BCFZDPC0000$DPCDX00*)

KA*

BCGB D BLADE LINING MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE BLADE LINING IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., BCGBDPC0000*; BCGBDPC0000$$DPCH000*; BCGBDPC0000$DPCH000*)

KC

BCGC D BOARD ATTACHMENT TYPE

Definition: INDICATES THE TYPE OF BOARD ATTACHMENT PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCGCDGX*; BCGCDGW$DGX*)

REPLY CODE	REPLY (AB47)
GW	REAR
GX	TOP

NOTE FOR MRC BCGH, BCGJ, AND BCGK: REPLY TO THESE MRCS IF REPLY CODE GX IS ENTERED FOR MRC BCGC.

KC* (See Note Above)

BCGH J BLADE CORD TO CORD LENGTH

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BLADE BETWEEN THE CORD CENTERS, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCGHJAA48.000*; BCGHJLA1814.2*; BCGHJAB48.000$$JAC60.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

KC* (See Note Preceding MRC BCGH)

BCGJ J BLADE OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A BLADE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCGJJAA3.250*; BCGJJLA119.9*; BCGJJAB3.250$$JAC3.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

KC* (See Note Preceding MRC BCGH)

BCGK J BLADE OVERALL THICKNESS

APP Key	MRC	Mode Code	Requirements

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF A BLADE, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCGKJAA0.375*; BCGKJLA0.8*; BCGKJAB0.375$$JAC0.380*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NOTE FOR MRCS BCGL AND BCNF: REPLY TO THESE MRCS IF REPLY CODE GW IS ENTERED FOR MRC BCGC.

KC* (See Note Above)

BCGL J LENGTH FOR WHICH DESIGNED

Definition: A MEASUREMENT OF THE LONGEST DIMENSION FOR WHICH THE ITEM IS DESIGNED, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCGLJAA46.000*; BCGLJLA914.4*; BCGLJAB38.000$$JAC40.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

KC* (See Note Preceding MRC BCGL)

BCNF J THICKNESS FOR WHICH DESIGNED

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION FOR WHICH THE ITEM IS DESIGNED, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCNFJAA1.000*; BCNFJLA25.4*; BCNFJAB1.000$$JAC1.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

KA

BCNG J HEAD OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE HEAD.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCNGJAA12.000*; BCNGJLA304.8*; BCNGJAB10.000$$JAC12.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

KA

BBRD J BLADE OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE BLADE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BBRDJAA18.000*; BBRDJLA457.2*; BBRDJAB24.000$$JAC36.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

KB

LGTH J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value, (e.g., LGTHJA24.000*; LGTHJL518.1*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

SECTION: L

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED18432*)

LA, LB			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., MATLDME0000*; MATLDME0000$$DPC0000*; MATLDME0000$DPC0000*)

LA			
	APGF	D	DESIGN TYPE

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 3. (e.g., APGFDAQW*; APGFDARL$DARS*)

LA*, LB*, LC*			
	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA8.000*; ABHPJLA203.2*; ABHPJAB7.250$$JAC8.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

LA*, LB*, LC*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA2.500*; ABMKJLA6.3*; ABMKJAB2.500$$JAC2.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

LA*, LB*, LC*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA4.500*; ADAVJLA114.3*; ADAVJAB4.500$$JAC4.510*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

LA*, LB*, LC*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA0.060*; ADUMJLA1.5*; ADUMJAB0.060$$JAC0.062*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

LB

BCNH D LETTER FORMING METHOD

Definition: THE MEANS BY WHICH THE LETTER(S) IS FORMED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCNHDAB*; BCNHDAB$DAC*)

REPLY CODE	REPLY (AM90)
AB	CUTOUT
AC	ENGRAVED

LB

APP Key	MRC	Mode Code	Requirements
	BCNJ	D	CHARACTER DESIGN

Definition: THE DESIGN OF THE CHARACTER ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCNJDAQ*; BCNJDAC$$DAQ*; BCNJDAC$DAQ*)

REPLY CODE	REPLY (AF91)
AC	LETTERING
AQ	NUMBERING
AE	SYMBOLS

LB*

	ALDR	D	TYPE FACE DESIGN

Definition: A DESIGN DESIGNATION APPLIED TO THE STYLE OF PRINT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 4. (e.g., ALDRDAB*; ALDRDAB$DAC*)

LB

	ANQT	J	FIGURE HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF THE FIGURE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ANQTJAA0.500*; ANQTJLA12.7*; ANQTJAB0.562$$JAC0.620*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

LB

ALDZ D CHARACTER TYPE

Definition: INDICATES THE TYPE OF CHARACTER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALDZDAB*; ALDZDAC$$DAB*; ALDZDAC$DAB*)

REPLY CODE	REPLY (AH34)
AC	LOWER CASE
AB	UPPER CASE

LB

BCNK D TRACK

Definition: AN INDICATION OF WHETHER OR NOT A TRACK IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCNKDB*; BCNKDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

LB

BCNL D PUNCTUATION MARK

Definition: AN INDICATION OF WHETHER OR NOT A PUNCTUATION MARK(S) IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCNLDB*; BCNLDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

LC

APP Key	MRC	Mode Code	Requirements
	BCNM	D	LETTERING TYPE FOR WHICH DESIGNED

Definition: INDICATES THE TYPE OF LETTERING FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCNMDASD*; BCNMDASC$DASD*)

REPLY CODE	REPLY (AK54)
ASC	ANGULAR
ASD	VERTICAL

LC

	BCNN	D	LETTERING WIDTH FOR WHICH DESIGNED

Definition: AN INDICATION OF THE WIDTH OF LETTERING FOR WHICH THE ITEM IS DESIGNED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCNNDASE*; BCNNDASE$DASF$DASG*)

REPLY CODE	REPLY (AK54)
ASE	CONDENSED
ASF	EXTENDED
ASG	STANDARD

LC

	BCNP	D	ANGLE SCRIBER TYPE

Definition: INDICATES THE TYPE OF ANGLE SCRIBER PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCNPDAMT*; BCNPDAMT$DANW*)

REPLY CODE	REPLY (AK54)
AMT	ADJUSTABLE
ANW	FIXED

LC

APP Key	MRC	Mode Code	Requirements
	BCNQ	A	LETTERING GUIDE QUANTITY

Definition: THE NUMBER OF LETTERING GUIDES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BCNQA9*)

LC*

BCNR	J	UPPER CASE CHARACTER HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF THE UPPER CASE CHARACTER, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCNRJA0.140*; BCNRJL29.2*: BCNRJA0.237$$JA0.243*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

LC*

BCNS	J	LOWER CASE CHARACTER HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF THE LOWER CASE CHARACTER, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCNSJA0.240*; BCNSJL55.0*; BCNSJA0.137$$JA0.143*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

LC*

BCNT	J	NUMERAL HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF THE NUMERAL.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCNTJA0.140*; BCNTJL29.2*; BCNTJA0.137$$JA0.143*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

LC

BCNW D INTEGRAL SCRIBER GROOVE

Definition: AN INDICATION OF WHETHER OR NOT AN INTEGRAL SCRIBER GROOVE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCNWDB*; BCNWDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

LC

BCSW D LETTERING GUIDE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE LETTERING GUIDE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BCSWDPC0000*; BCSWDME0000$$DPC0000*; BCSWDME0000$DPC0000*)

LC

BCSX A PEN QUANTITY

Definition: THE NUMBER OF PENS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BCSXA10*)

LC

BCSY G PEN LINE SIZE AND QUANTITY

Definition: DESIGNATES THE LINE SIZE OF THE PEN AND THE NUMBER OF PENS PROVIDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., BCSYGONE 0.021 INCH WIDE LINE*)

LC

BCSZ D SOCKET AND PENHOLDER FOR FREEHAND LETTERING

Definition: AN INDICATION OF WHETHER OR NOT A SOCKET AND PENHOLDER FOR FREEHAND LETTERING IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCSZDB*; BCSZDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

LC*

ALFK D CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALFKDB*; ALFKDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

LC*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (eg., AKYDGSTRAIGHTEDGE, 2*; AKYDGSTRAIGHTEDGE,2; SCRIBER,1*)

SECTION: M

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED04385*)

MB, MC			
	APQB	D	UNIT TYPE

Definition: INDICATES THE SPECIFIC TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 10. (e.g., APQBDAFA*; APQBDAFA$DAFS*)

MB*, MC*			
	BCTM	A	LEVELING SCREW QUANTITY

Definition: THE NUMBER OF LEVELING SCREWS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BCTMA3*)

MB*, MC*			
	AAWN	D	BODY CROSS-SECTIONAL SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE BODY WHEN VIEWED IN CROSS SECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAWNDRT*; AAWNDRT$DSQ*)

REPLY CODE	REPLY (AD07)
RT	RECTANGULAR
SQ	SQUARE

MB*, MC*

APP Key	MRC	Mode Code	Requirements
	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA6.000*: ABHPJLA152.4*; ABHPJAB6.000$$JAC8.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MA*, MB*, MC*, MD*

	BCGY	D	SIGHTING DEVICE TYPE

Definition: INDICATES THE TYPE OF SIGHTING DEVICE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCGYDBE*; BCGYDBD$DBE*)

REPLY CODE	REPLY (AD54)
BC	FOLDING
BD	NONMAGNIFYING
BE	TELESCOPE

MA*, MB*, MC*, MD*

	BCTB	D	TELESCOPE TYPE

Definition: INDICATES THE TYPE OF TELESCOPE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTBDBF*; BCTBDBF$DBG*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AD54)
BF	ERECTING
BG	INVERTING

MA*, MB*, MC*, MD*

BCTC J TELESCOPE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A TELESCOPE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCTCJAA18.000*; BCTCJLA457.2*; BCTCJAB10.000$$JAC10.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MA*, MB*, MC*, MD*

BCTD D FOCUSING TYPE

Definition: INDICATES THE TYPE OF FOCUSING PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTDDAFC*; BCTDDAFC$DAFD*)

REPLY CODE	REPLY (AH21)
AFC	EXTERNAL
AFD	INTERNAL

MA*, MB*, MC*, MD*

BCTF J DIAMETER MAGNIFYING POWER

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF THE NUMBER OF TIMES AN ITEM CAN ENLARGE A DIAMETER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCTFJA24.0*; BCTFJB24.0$$JC30.0*)

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MA*, MB*, MC*, MD*

BCTG D STADIA HAIR

Definition: AN INDICATION OF WHETHER OR NOT A STADIA HAIR IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTGDB*; BCTGDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MA*, MB*, MC*, MD*

BCTH D STRIDING LEVEL

Definition: AN INDICATION OF WHETHER OR NOT A STRIDING LEVEL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTHDB*; BCTHDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MA*, MB*, MC*, MD*

APP Key	MRC	Mode Code	Requirements
	BCTJ	J	EFFECTIVE APERTURE SIZE

Definition: DESIGNATES THE REAL OR TRUE SIZE OF THE OPENING.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCTJJAA1.600*; BCTJJLA15.2*; BCTJJAB1.500$$JAC2.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MA*, MB*, MC*, MD*

	BCTK	D	AUXILIARY TELESCOPE

Definition: AN INDICATION OF WHETHER OR NOT AN AUXILIARY TELESCOPE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTKDB*; BCTKDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MA*, MB*, MC*, MD*

	BCTL	D	TELESCOPE LEVEL VIAL

Definition: AN INDICATION OF WHETHER OR NOT A TELESCOPE LEVEL VIAL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTLDB*; BCTLDB$DC*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MA*

BCTN J VERTICAL ARC DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A VERTICAL ARC, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCTNJAA4.000*; BCTNJLA101.6*; BCTNJAB4.000$$JAC4.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MA*

BCTP J MINIMUM ARC GRADUATION UNIT

Definition: THE SMALLEST INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON AN ARC.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCTPJAAC0.500*; BCTPJAAY30.11*)

REPLY CODE	REPLY (AJ40)
AAC	DEGREES
AAW	MILS
AAX	MINUTES
AAY	SECONDS

APP Key	MRC	Mode Code	Requirements

MA*

BCTQ J MINIMUM VERNIER GRADUATION UNIT

Definition: THE SMALLEST INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON A VERNIER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCTQJAAC1.000*; BCTQJAAX60.15*)

REPLY CODE	REPLY (AJ40)
AAC	DEGREES
AAX	MINUTES
AAY	SECONDS

MA

BCTR A BLADE BEVELED EDGE QUANTITY

Definition: THE NUMBER OF BEVELED EDGES PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BCTRA2*; BCTRA1$A2*)

MA

AEAE J BLADE LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF THE BLADE, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEAEJAA11.500*; AEAEJLA292.1*; AEAEJAB16.000$$JAC17.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM

APP Key	MRC	Mode Code	Requirements
		C	MAXIMUM

MA

AEAF J BLADE WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF A BLADE, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., AEAFJAA3.750*; AEAFJLA95.2*; AEAFJAB3.000$$JAC3.750*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MA

BCTS D BLADE GRADUATIONS

Definition: AN INDICATION OF WHETHER OR NOT BLADE GRADUATIONS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTSDB*; BCTSDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MA*

BCTT J DIVISION REPRESENTATION

APP
Key MRC Mode Code Requirements

Definition: THE DIVISION REPRESENTATION OF A LARGER UNIT OF MEASURE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCTTJDM10.0*; BCTTJDM10.0$JDN0.250*)

REPLY CODE	REPLY (AG67)
DM	DIVISIONS PER INCH
DN	MILES PER INCH
DP	PARTS PER INCH

MA

BCTW D BLADE CIRCULAR LEVEL

Definition: AN INDICATION OF WHETHER OR NOT A BLADE CIRCULAR LEVEL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTWDB*; BCTWDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MA

BCTX D BLADE TROUGH COMPASS

Definition: AN INDICATION OF WHETHER OR NOT A BLADE TROUGH COMPASS IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTXDB*; BCTXDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MB

APP Key	MRC	Mode Code	Requirements
	BCHD	D	LEVEL TYPE

Definition: INDICATES THE TYPE OF LEVEL PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCHDDAJ*; BCHDDAJ$DAK*)

REPLY CODE	REPLY (AM15)
AJ	ABNEY REFLECTING
AK	DUMPY
AL	LOCATORS
AM	PRECISE TILTING
AN	SELF-LEVELING
AP	TOPOGRAPHIC ABNEY REFLECTING
AQ	WYE

MB, MC, MD

	ANXY	D	ILLUMINATED FEATURE

Definition: AN INDICATION OF WHETHER OR NOT AN ILLUMINATED FEATURE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ANXYDB*; ANXYDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MB*

	BCTY	D	GRADUATED ARC MOUNTING POSITION

Definition: THE POSITION FOR WHICH THE GRADUATED ARC IS DESIGNED TO MOUNT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTYDAAF*; BCTYDAAG$DAAF*)

REPLY CODE	REPLY (AM84)
AAG	RIGHT ANGLE SIGHTING
AAF	VERTICAL

APP Key	MRC	Mode Code	Requirements

MB*

BCTZ D ARC GRADUATION DESIGNATION

Definition: A DESIGNATION INDICATING THE ARC GRADUATION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCTZDAAC*; BCTZDAAB$DAAC*)

REPLY CODE	REPLY (AM93)
AAB	IN DEGREES FOR 60 DEGREES
AAC	INTERCHANGEABLE
AAD	150 PERCENT OF GRADE ON ONE SIDE, 100 DEGREES ON OTHER SIDE

MB*

BCWB D INTERCHANGEABLE ARC GRADUATION DESIGNATION

Definition: A DESIGNATION INDICATING THE INTERCHANGEABLE ARC GRADUATION ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCWBDAAG*; BCWBDAAE$DAAF*)

REPLY CODE	REPLY (AM93)
AAF	DEGREES FOR 90 DEGREES
AAE	IN DEGREES FOR 60 DEGREES AND 150 PERCENT OF GRADE
AAG	60 DEGREES ON ONE SIDE AND 100 PERCENT OF GRADE ON OTHER SIDE

MB*

BCWC D GRADUATED ARC VERNIER

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A GRADUATED ARC VERNIER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCWCDB*; BCWCDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MB*

BCWD J ARC VERNIER GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE ARC VERNIER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCWDJAAX10.0*)

REPLY CODE	REPLY (AJ40)
AAC	DEGREES
AAX	MINUTES
AAY	SECONDS

MB*

BCWF G SPIRIT LEVEL SENSITIVITY

Definition: THE SENSITIVITY TO WHICH A SPIRIT LEVEL RESPONDS TO A CHANGE IN ITS POSITION.

Reply Instructions: Enter the reply in clear text. (e.g., BCWFG20 SECONDS OF ARC FOR 2 MILLIMETERS MOVEMENT*)

MB

BCWG D HORIZONTAL CIRCLE

Definition: AN INDICATION OF WHETHER OR NOT A HORIZONTAL CIRCLE IS INCLUDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCWGDB*; BCWGDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MB*, MD*

BCWH J HORIZONTAL CIRCLE DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A HORIZONTAL CIRCLE, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BCWHJAA6.250*; BCWHJLA158.7*; BCWHJAB4.500$$JAC5.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

MB*

BCWJ D HORIZONTAL CIRCLE UNIT OF MEASURE INSCRIPTION

Definition: THE UNIT OF VALUATION AS REPRESENTED BY THE INSCRIPTION ON THE HORIZONTAL CIRCLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCWJDAAC*)

REPLY CODE	REPLY (AJ40)

APP Key	MRC	Mode Code	Requirements
		AAC	DEGREES
		AAX	MINUTES
		AAY	SECONDS

MB

BCWK D HORIZONTAL CIRCLE VERNIER

Definition: AN INDICATION OF WHETHER OR NOT A HORIZONTAL CIRCLE VERNIER IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCWKDB*; BCWKDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MD

BCWL A HORIZONTAL CIRCLE VERNIER QUANTITY

Definition: THE NUMBER OF HORIZONTAL CIRCLE VERNIERS PROVIDED.

Reply Instructions: Enter the quantity. (e.g., BCWLA2*)

MB*, MD*

BCWM J HORIZONTAL CIRCLE VERNIER GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE HORIZONTAL CIRCLE VERNIER.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCWMJAAX1.0*)

REPLY CODE	REPLY (AJ40)
AAC	DEGREES
AAX	MINUTES
AAY	SECONDS

APP Key	MRC	Mode Code	Requirements
MD			
	BCWN	J	HORIZONTAL CIRCLE MINIMUM GRADUATION UNIT

Definition: THE SMALLEST INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE HORIZONTAL CIRCLE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCWNJAAX30.0*)

REPLY CODE	REPLY (AJ40)
AAC	DEGREES
AAX	MINUTES
AAY	SECONDS

MD

BCWP	D	VERTICAL CIRCLE

Definition: AN INDICATION OF WHETHER OR NOT A VERTICAL CIRCLE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCWPDB*; BCWPDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS BCWQ, BCWR, AND BCWS: REPLY TO THESE MRCS IF REPLY CODE B IS ENTERED FOR MRC BCWP.

MD* (See Note Above)

BCWQ	J	VERTICAL CIRCLE MINIMUM VERNIER GRADUATION UNIT

Definition: THE SMALLEST INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE VERTICAL CIRCLE VERNIER.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCWQJAAX1.0*)

REPLY CODE	REPLY (AJ40)
AAC	DEGREES
AAX	MINUTES
AAY	SECONDS

MD* (See Note Preceding MRC BCWQ)

BCWR J VERTICAL CIRCLE MINIMUM GRADUATION UNIT

Definition: THE SMALLEST INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE VERTICAL CIRCLE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BCWRJAAX30.0*)

REPLY CODE	REPLY (AJ40)
AAC	DEGREES
AAX	MINUTES
AAY	SECONDS

MD* (See Note Preceding MRC BCWQ)

BCWS D VERTICAL CIRCLE STADIA ARC GRADUATION

Definition: AN INDICATION OF WHETHER OR NOT A VERTICAL CIRCLE STADIA ARC GRADUATION IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCWSDB*; BCWSDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MB

BDBS L TRIPOD HEAD STYLE

APP Key	MRC	Mode Code	Requirements

Definition: THE STYLE DESIGNATION INDICATING THE CONFIGURATION THAT MOST NEARLY CORRESPONDS TO THE APPEARANCE OF THE TRIPOD HEAD.

Reply Instructions: Enter the applicable style designator from Appendix B , Reference Drawing Group B. (e.g., BDBSL2*)

MB*

ABUJ A THREAD SIZE

Definition: DESIGNATES THE THREAD DIAMETER AND NUMBER OF THREADS PER SPECIFIC MEASUREMENT SCALE.

Reply Instructions: Enter the thread size and quantity per specific measurement scale.

(e.g., ABUJA3 1/2-8*)

MB*

BDBT A BINDING SCREW THREAD SIZE

Definition: DESIGNATES THE THREAD DIAMETER AND NUMBER OF THREADS PER MEASUREMENT SCALE OF THE BINDING SCREW.

Reply Instructions: Enter the thread size and quantity per specific measurement scale.

(e.g., BDBTA3 5/8-11*)

MB, MC, MD

AMYJ D TRIPOD

Definition: AN INDICATION OF WHETHER OR NOT A TRIPOD IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AMYJDB*; AMYJDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BCFM: REPLY TO THIS MRC IS REPLY CODE B IS ENTERED FOR MRC AMYJ.

APP Key	MRC	Mode Code	Requirements

MB*, MC*, MD* (See Note Above)

BCFM D LEG TYPE

Definition: INDICATES THE TYPE OF LEG PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BCFMDAPW*; BCFMDAPW$DANW*)

REPLY CODE	REPLY (AK54)
APW	EXTENSION
ANW	FIXED

MC

BDBW D GRADUATION UNIT ON HORIZONTAL/VERTICAL CIRCLE

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE HORIZONTAL AND VERTICAL CIRCLES.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDBWDAAC*; BDBWDAAC$DAAW*)

REPLY CODE	REPLY (AJ40)
AAZ	CENTESIMALS
AAC	DEGREES
AAW	MILS

MC

BDBX J MINIMUM GRADUATION

Definition: THE SMALLEST INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BDBXJAAXAK1.0*; BDBXJAAXAK1.0$JAAYAL1.0*)

Table 1

REPLY CODE	REPLY (AJ40)
ABA	CENTESIMAL SECONDS

APP Key	MRC	Mode Code	Requirements
		AAC	DEGREES
		ABB	MILLISECONDS
		AAX	MINUTES
		AAY	SECONDS

Table 2

REPLY CODE	REPLY (AM12)
AK	BREAKDOWN SCALE
AL	MICROMETER DRUM

MC

BDBY D AUTOCOLLIMATION EYEPIECE

Definition: AN INDICATION OF WHETHER OR NOT AN AUTOCOLLIMATION EYEPIECE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDBYDB*; BDBYDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MC

BDBZ D DOUBLE CENTER

Definition: AN INDICATION OF WHETHER OR NOT A DOUBLE CENTER IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDBZDB*; BDBZDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

MC

BDCB D HORIZONTAL BASE DETACHABLE TRIBRACH

APP Key	MRC	Mode Code	Requirements

Definition: AN INDICATION OF WHETHER OR NOT A HORIZONTAL BASE DETACHABLE TRIBRACH IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCBDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BDCC: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC BDCB.

MC* (See Note Above)

BDCC	D	DETACHABLE TRIBRACH QUICK RELEASE MECHANISM

Definition: AN INDICATION OF WHETHER OR NOT A DETACHABLE TRIBRACH QUICK RELEASE MECHANISM IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCCDB*; BDCCDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MC

BDCD	D	HORIZONTAL BASE AUTOMATIC CENTERING DEVICE

Definition: AN INDICATION OF WHETHER OR NOT A HORIZONTAL BASE AUTOMATIC CENTERING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCDDB*; BDCDDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

MC

BDCF D OPTICAL PLUMB

Definition: AN INDICATION OF WHETHER OR NOT AN OPTICAL PLUMB IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCFDB*; BDCFDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MC

BDCG D CIRCULAR LEVEL

Definition: AN INDICATION OF WHETHER OR NOT A CIRCULAR LEVEL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCGDB*; BDCGDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MC

BDCH D PLOTTING DEVICE

Definition: AN INDICATION OF WHETHER OR NOT A PLOTTING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCHDB*; BDCHDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

APP Key	MRC	Mode Code	Requirements

MD

BDCJ D COMPASS

Definition: AN INDICATION OF WHETHER OR NOT A COMPASS IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCJDB*; BDCJDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

MA*, MB*, MC*, MD*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AKYDGCOVER, WATERPROOF, 1*; AKYDGCOVER,WATERPROOF,1; TELESCOPES,2*)

MA*, MD*

AFJU D CARRYING CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IN NORMAL OPERABLE CONDITION IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJUDB*; AFJUDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

APP Key	MRC	Mode Code	Requirements

MB*

ALFK D CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., ALFKDB*; ALFKDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

MC*

BDCK H CONTAINER MATERIAL AND TYPE

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE CONTAINER IS FABRICATED, AND THE TYPE.

Reply Instructions: Enter the applicable Reply Codes from Appendix A , Table 1, and the table below. (e.g., BDCKHWD0000BS*; BDCKHME0000BS$$HWD0000BS*; BDCKHCCA000BR$HME0000BR*)

REPLY CODE	REPLY (AF72)
BP	CARRIER
BQ	CARRYING CASE
BR	KNAPSACK
BS	TRANSPORTATION CASE

SECTION: N

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED04001*)

NA, NB, NC			
	BDCL	D	DISPLAY/PLOTTING SURFACE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE DISPLAY/PLOTTING SURFACE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BDCLDPC0000*; BDCLDPCDX00$$DPC0000*; BDCLDPCDX00$DPC0000*)

NA, NB, NC			
	BDCM	D	DISPLAY/PLOTTING SURFACE TYPE

Definition: INDICATES THE TYPE OF DISPLAY/PLOTTING SURFACE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCMDAE*; BDCMDAE$DAF*)

REPLY CODE	REPLY (AK92)
AE	INSCRIBED
AF	PLAIN

NA*, NC*			
	BDCN	G	SURFACE INSCRIPTION

Definition: THE INSCRIPTION AFFIXED TO OR STAMPED ON THE SURFACE OF THE ITEM.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the reply in clear text. (e.g., BDCNGHORIZONTAL AND VERTICAL GRID LINES AND 10 DEG DIV ON 360 DEG CIRCLE*)

NA, NB

BDCP D SURFACE SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g. BDCPDCR*; BDCPDRT$DSQ*)

REPLY CODE	REPLY (AD07)
CR	CIRCULAR
RT	RECTANGULAR
SQ	SQUARE

NB*

BDCQ J USABLE SURFACE AREA

Definition: A MEASUREMENT OF THE AREA OF USABLE SURFACE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDCQJDD900.0*; BDCQJEL430.0*)

REPLY CODE	REPLY (AG67)
DE	SQUARE CENTIMETERS
DQ	SQUARE FEET
DD	SQUARE INCHES
EL	SQUARE METERS

NB*

BDCR D INSCRIBED DISPLAY LOCATION

Definition: INDICATES THE LOCATION OF THE INSCRIBED DISPLAY ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCRDABC*; BDCRDAAZ$DABC*)

REPLY CODE	REPLY (AJ91)

APP Key	MRC	Mode Code	Requirements
		AAZ	BACK
		ABC	FRONT

NB

BDCS D SPECIAL MARKING TOOL

Definition: AN INDICATION OF WHETHER OR NOT A SPECIAL MARKING TOOL IS REQUIRED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCSDB*; BDCSDB$DC*)

REPLY CODE	REPLY (AE40)
C	NOT REQUIRED
B	REQUIRED

NOTE FOR MRC BDCT: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC BDCS.

NB* (See Note Above)

BDCT D SPECIAL MARKING TOOL TYPE

Definition: INDICATES THE TYPE OF SPECIAL MARKING TOOL PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCTDAAE*; BDCTDAAB$DAAE*)

REPLY CODE	REPLY (AM94)
AAB	CHINA PENCIL
AAC	CRAYON
AAD	CROSS-HAIR SPOTLIGHT
AAE	GREASE PENCIL
AAF	RETRACTABLE BALL PEN

NB, NC

BDCW D LIGHTING FACILITY

Definition: AN INDICATION OF WHETHER OR NOT A LIGHTING FACILITY(IES) IS INCLUDED.

APP
Key MRC Mode Code Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCWDB*; BDCWDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NB*, NC*

AQLW D LIGHT LOCATION

Definition: INDICATES THE LOCATION OF THE LIGHT.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AQLWDBAX*; AQLWDABA$$DABD*)

REPLY CODE	REPLY (AJ91)
BAX	ALL SIDES
ABA	BOTTOM
ABK	EDGE
ABJ	REAR
AKF	SIDE
ABD	TOP

NB*

AEWY D LAMP TYPE

Definition: INDICATES THE FORM, CONSTRUCTION, OR TYPE OF LAMP WHICH DISTINGUISHES IT FROM OTHER LIKE ITEMS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AEWYDAD*; AEWYDAD$DAF*)

REPLY CODE	REPLY (AD48)
BB	DAYLIGHT FROSTED INCANDESCENT
AD	FLUORESCENT
AF	INCANDESCENT
AM	ULTRAVIOLET

NC

APP Key	MRC	Mode Code	Requirements
	BDCX	D	INDICATOR SYNCHRO

Definition: AN INDICATION OF WHETHER OR NOT AN INDICATOR SYNCHRO IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDCXDB*; BDCXDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRCS BDCY AND BDCZ: REPLY TO THESE MRCS IF REPLY CODE B IS ENTERED FOR MRC BDCX.

NC* (See Note Above)

	BDCY	J	INDICATOR SYNCHRO VOLTAGE RATING

Definition: THE VALUE OR RANGE OF VALUES FOR WHICH THE INDICATOR SYNCHRO IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BDCYJVA115.0*; BDCYJVB115.0$$JVC120.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NC* (See Note Preceding MRC BDCY)

	BDCZ	J	INDICATOR SYNCHRO FREQUENCY RATING

APP Key	MRC	Mode Code	Requirements

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH THE INDICATOR SYNCHRO IS RATED.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., BDCZJEA60.0*; BDCZJEB50.0$$JEC60.0*)

Table 1

REPLY CODE	REPLY (AC32)
E	HERTZ
K	KILOHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NOTE FOR MRC AKWC: REPLY TO MRC AKWC ONLY WHEN THE SOLE POWER SOURCE IS SELF-CONTAINED OR WHEN A SINGLE EXTERNAL POWER SOURCE IS CITED. IF MORE THAN ONE EXTERNAL POWER SOURCE, DO NOT REPLY TO MRC AKWC, AS THE TYPE OF POWER SOURCE IS THEN IDENTIFIED IN THE SPECIAL SECONDARY ADDRESS CODES SHOWN IN APPENDIX C, TABLE 1, APPLICABLE TO MRCS ACYN, ACZB, FAAZ, ACYR, AND ALSF.

NC* (See Note Above)

AKWC D ELECTRICAL POWER SOURCE RELATIONSHIP

Definition: THE RELATIONSHIP OF THE ELECTRICAL POWER SOURCE TO THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKWCDAB*; AKWCDAB$DAC*)

A self-contained power source shall be interpreted as being a power source, such as a gasoline or diesel engine generator, or vehicular electrical system when the vehicle utilized as the power source is included in the item.

When the item includes a self-contained power source and the item is also designed for operation from an external power source, the external power source is considered alternate operating. Under this condition reply only alternate operating.

APP
Key MRC Mode Code Requirements

When the item is powered by external power source(s) only, it is considered operating. When the item is powered solely by internal batteries, these batteries do not constitute self-contained power source but are considered operating.

REPLY CODE	REPLY (AH00)
AB	ALTERNATE OPERATING
AC	OPERATING
AD	SELF-CONTAINED

NOTE FOR MRCS ACYN, ACZB, FAAZ, ACYR, AND ALSF: REPLY TO THESE MRCS, AS APPLICABLE, IF REPLY CODE AB OR AC IS ENTERED FOR MRC AKWC.

NC* (See Note Above)

ACYN J AC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF ROOT MEAN SQUARE POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable ISAC from Appendix A , Table 11, followed by the mode code, the Reply Codes from Tables 1 and 2 below, and the numeric value. (e.g., ACYN1AJVA120.0*; ACYN1AJVA120.0$$JVA240.0*; ACYN1BJVB115.0$$JVC120.0*)

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS
V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NC* (See Note Preceding MRC ACYN)

ACZB J FREQUENCY RATING

Definition: THE NUMBER OF COMPLETE CYCLIC CHANGES, PER UNIT OF TIME, FOR WHICH AN ITEM IS RATED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable ISAC from Appendix A , Table 11, followed by the Reply Codes from Tables 1 and 2 below, and the numeric value. (e.g., ACZB1AJEA60.0; ACZB1BJEB50.0$$JEC60.0*)*

Table 1

REPLY CODE	REPLY (AC32)
E	HERTZ
K	KILOHERTZ

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NC* (See Note Preceding MRC ACYN)

FAAZ D PHASE

Definition: THE NUMBER OF ALTERNATING CURRENT PHASES.

Reply Instructions: Enter the applicable ISAC from Appendix A , Table 11, and the applicable Reply Code from the table below. (e.g., FAAZ1ADA)*

REPLY CODE	REPLY (AD02)
A	SINGLE
E	SINGLE/THREE
C	THREE

NC* (See Note Preceding MRC ACYN)

ACYR J DC VOLTAGE RATING

Definition: THE VALUE, OR RANGE OF VALUES, OF DIRECT CURRENT POTENTIAL FOR WHICH THE ITEM IS RATED.

Reply Instructions: Enter the applicable ISAC from Appendix A , Table 11, the Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ACYR1AJVA110.0; ACYR1BJVA110.0$$JVA220.0*; ACYR1CJVB110.0$$JVC120.0*)*

Table 1

REPLY CODE	REPLY (AB63)
K	KILOVOLTS

APP Key	MRC	Mode Code	Requirements
		V	VOLTS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NC* (See Note Preceding MRC ACYN)

ALSF D INTERNAL BATTERY ACCOMMODATION

Definition: AN INDICATION OF WHETHER OR NOT A FACILITY(IES) TO ACCOMMODATE A BATTERY(IES) IS INCLUDED.

Reply Instructions: Enter the applicable ISAC from Appendix A , Table 11 and the Reply Code from the table below. (e.g., ALSF1ADB; ALSF1BDDC*)*

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NC*

ABHP J OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA36.000*; ABHPJLA914.4*; ABHPJAB48.000$$JAC48.250*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

NC*

ABMK J OVERALL WIDTH

Definition: AN OVERALL MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABMKJAA27.500*; ABMKJLA706.0*; ABMKJAB32.000$$JAC42.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NC*

ADAV J OVERALL DIAMETER

Definition: A MEASUREMENT OF THE LONGEST STRAIGHT LINE ACROSS A CIRCULAR CROSS-SECTIONAL PLANE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADAVJAA11.093*; ADAVJLA281.7*; ADAVJAB5.750$$JAC6.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

APP Key	MRC	Mode Code	Requirements

NC*

ADUM J OVERALL THICKNESS

Definition: AN OVERALL MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ADUMJAA2.500*; ADUMJLA63.5*; ADUMJAB4.500$$JAC5.000*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

NB*

AFHS A ACCESSORY COMPONENT QUANTITY

Definition: THE NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the quantity. (e.g., AFHSA1*)

NB*

AKVY G ACCESSORY CONTROLLING AGENCY

Definition: THE NAME OF THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION THAT CONTROLS THE MANUFACTURE OF THE ACCESSORY ITEM.

Reply Instructions: Enter the controller's name. (e.g., AKVYGORDNANCE CORPS*; AKVYGWALDORF INSTRUMENT CO*)

APP Key	MRC	Mode Code	Requirements

NB*, NC*

AZCG G ACCESSORY COMPONENT NAME

Definition: THE NAME OF THE ACCESSORY COMPONENT ASSIGNED BY THE CONTROLLING AGENCY.

Reply Instructions: Enter the reply in clear text. (e.g., AZCGGLIGHT ASSY*)

NB*

AKVZ J ACCESSORY IDENTIFYING NUMBER

Definition: THE SPECIFIC NUMBER USED TO IDENTIFY THE ACCESSORY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the identifying number. (e.g., AKVZJAD7605907*)

REPLY CODE	REPLY (AG99)
AB	DRAWING NO.
AC	MODEL NO.
AD	PART NO.
AE	SERIAL NO.
AF	TYPE NO.

NB

AJJX D COMPONENT DOCUMENT ORIGIN

Definition: THE ORIGINATOR (GOVERNMENTAL, INDUSTRIAL, OR OTHERWISE) OF THE AVAILABLE DOCUMENT WHICH LISTS THE COMPONENT(S) OF THE ITEM

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJJXDAF*; AJJXDAF$DAD*)

REPLY CODE	REPLY (AF59)
AF	GOVERNMENT
AD	INDUSTRIAL

NB*

AJJY A DOCUMENT SOURCE

APP Key	MRC	Mode Code	Requirements

Definition: THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE GOVERNMENT AGENCY, INDUSTRIAL ORGANIZATION, OR OTHER SOURCE, WHICH CONTROLS THE DOCUMENT.

Reply Instructions: Enter the name of the organization which controls the document. (e.g., AJJYAARMY*)

NB*

AJJZ D DOCUMENT TYPE

Definition: INDICATES THE TYPE OF DOCUMENT BY THE TITLE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AJJZDAB*; AJJZDAB$DAE*)

REPLY CODE	REPLY (AF70)
AE	FEDERAL SPECIFICATION
AC	MILITARY SPECIFICATION
AF	MILITARY STANDARD
AB	TECHNICAL MANUAL
AD	TRAINING MANUAL

NB*

AJKA A DOCUMENT IDENTIFICATION

Definition: THE NUMBER OR SYMBOL USED TO IDENTIFY THE DOCUMENT.

Reply Instructions: Enter the document number.

(e.g., AJKAASIG 7 AND 8*;

AJKAATM-11-5840-220-35*)

NB*

AJKB A COMPONENT DOCUMENT PAGE NUMBER

Definition: THE PAGE NUMBER INDICATING THE LOCATION OF THE COMPONENT(S) LISTED IN THE DOCUMENT.

Reply Instructions: Enter the page number. (e.g., AJKBA2*)

NB

APP Key	MRC	Mode Code	Requirements
	AKWA	G	JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM NAME
	Definition: THE NAME ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.		
	Reply Instructions: Enter the reply in clear text. (e.g., AKWAGPLOTTING BOARD, RADAR DATA*)		
NB*			
	AKWB	G	JOINT ELECTRONICS TYPE DESIGNATION SYSTEM ITEM TYPE NUMBER
	Definition: THE TYPE NUMBER ASSIGNED TO THE ITEM BY THE JOINT ELECTRONICS TYPE DESIGNATION SYSTEM.		
	Reply Instructions: Enter the type number.		
	(e.g., AKWBGPT-176/TPS*)		

SECTION: P

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED05155*)

PA, PB, PC, PD

MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 1. (e.g., MATLDPC0000*; MATLDPC0000$$DWD0000*; MATLDPC0000$DWD0000*)

NOTE FOR MRC HEAT: REPLY TO THIS MRC, FOR APPLICABILITY KEY PC, IF REPLY CODE ST0000 IS ENTERED FOR MRC MATL.

PA*, PB*, PC*, PD* (See Note Above)

HEAT	D	HEAT TREATMENT

Definition: A COMBINATION OF TIMED HEATING AND COOLING OPERATIONS APPLIED FOR THE PURPOSE OF ANNEALING OR HARDENING THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HEATDCY*; HEATDCY$DER*)

REPLY CODE	REPLY (AD05)
CY	HARDENED
EQ	NONHARDENED
ER	SEMIHARDENED

PA

APGF	D	DESIGN TYPE

APP Key	MRC	Mode Code	Requirements

Definition: INDICATES THE DESIGN TYPE OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., APGFDASY*; APGFDASY$DASZ*)

REPLY CODE	REPLY (AK54)
ASR	FOUR BEVEL
AST	ONE BEVEL
ASW	OPPOSITE BEVEL
ASX	RECTANGULAR
ASY	TRIANGULAR
ASZ	TWO BEVEL

PB

AAWN D BODY CROSS-SECTIONAL SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE BODY WHEN VIEWED IN CROSS SECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAWNDTR*; AAWNDFL$DRT*)

REPLY CODE	REPLY (AD07)
FL	FLAT
SQ	SQUARE
TR	TRIANGULAR

NOTE FOR MRCS BDDP, BDDB, AND BDDC: REPLY TO MRCS BDDP AND BDDB IF REPLY CODE FL IS ENTERED FOR MRC AAWN. REPLY TO MRC BDDC IF REPLY CODE TR IS ENTERED FOR MRC AAWN.

PB* (See Note Above)

BDDP D EDGE FORM TYPE

Definition: INDICATES THE TYPE OF EDGE FORM PROVIDED.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 8. (e.g., BDDPDNM*; BDDPDNM$DNP*)

PB* (See Note Preceding MRC BDDP)

APP Key	MRC	Mode Code	Requirements
	BDDB	D	PLAN VIEW SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE PLAN WHEN VIEWED FROM THE TOP.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDDBDDP*; BDDBDDP$DRT*)

REPLY CODE	REPLY (AD07)
NQ	HOLLOW SQUARE
DP	L
RT	RECTANGULAR
SQ	SQUARE

PB* (See Note Preceding MRC BDDP)

BDDC	D	FACET TYPE

Definition: INDICATES THE TYPE OF FACET PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDDCDDN*: BDDCDDN$DDP*)

REPLY CODE	REPLY (AH83)
DN	REGULAR
DP	RELIEVED

PC, PD

APQB	D	UNIT TYPE

Definition: INDICATES THE TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 10. (e.g., APQBDAFC*; APQBDAFC$DAFP*)

PB*, PC*

BDDD	A	MAP RATIO

Definition: THE MAXIMUM TO MINIMUM MAP RATIO, WITH THE LARGER RELATIVE PROPORTION GIVEN, THE LOWER VALUE HAVING AN IMPLIED (NOT GIVEN) VALUE OF ONE (UNIT).

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the numeric value of the larger relative proportion. (e.g., BDDDA25000*)

PB*, PC*

ABWC D SCALE UNIT OF MEASURE INSCRIPTION

Definition: THE STANDARD OF VALUATION AS REPRESENTED BY THE INSCRIPTION.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 9. (e.g., ABWCDAY*; ABWCDAY$$DDZ*)

PA

BDDF J GRADUATION LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF A GRADUATION, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDDFJA12.000*; BDDFJC30.4*; BDDFJA12.000$JA18.000*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

PA*

BDDG G DECIMAL CALIBRATION

Definition: AN INDICATION OF THE MANNER IN WHICH THE ITEM IS CALIBRATED IN DECIMALS.

Reply Instructions: Enter the reply in clear text. (e.g., BDDGGDIVIDED 10 PARTS TO THE IN.*)

PA*

BDDH D DECIMAL SCALE TYPE

Definition: INDICATES THE TYPE OF DECIMAL SCALE PROVIDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDDHDAM*; BDDHDAM$DAN*)

REPLY CODE	REPLY (AM12)
AM	FULL DIVIDED
AN	OPEN DIVIDED

PA*

BDDJ G FRACTIONAL REPRESENTATION CALIBRATION

Definition: AN INDICATION OF THE UNIT OF MEASURE REPRESENTED BY THE FRACTIONAL CALIBRATION(S) OF THE ITEM.

Reply Instructions: Enter the reply in clear text. (e.g., BDDJG1/2 INCH DIV REPRESENT 1 FT*)

PA*

BDDK D FRACTIONAL SCALE TYPE

Definition: INDICATES THE TYPE OF FRACTIONAL SCALE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDDKDAN*; BDDKDAM$DAN*)

REPLY CODE	REPLY (AM12)
AM	FULL DIVIDED
AN	OPEN DIVIDED

PA*

BDDL G METRIC CALIBRATION

Definition: AN INDICATION OF THE MANNER IN WHICH THE ITEM IS METRICALLY CALIBRATED.

Reply Instructions: Enter the reply in clear text. (e.g., BDDLGDIVIDED IN CENTIMETERS, MILLIMETERS, AND 2.5 MILLIMETERS*)

PA*

APP Key	MRC	Mode Code	Requirements

BDDM D METRIC SCALE TYPE

Definition: INDICATES THE TYPE OF METRIC SCALE PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDDMDAM*; BDDMDAM$DAN*)

REPLY CODE	REPLY (AM12)
AM	FULL DIVIDED
AN	OPEN DIVIDED

PC, PD

BDDN D STRAIGHT EDGE LOCATION

Definition: INDICATES THE LOCATION OF THE STRAIGHT EDGE.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDDNDADC*; BDDNDADC$DADD*)

REPLY CODE	REPLY (AJ91)
ADC	BOTH SIDES
ADD	ONE SIDE

PC, PD

AKTG D EDGE TYPE

Definition: INDICATES THE TYPE OF EDGE CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AKTGDSQ*; AKTGDAC$DSQ*)

REPLY CODE	REPLY (AD07)
AC	BEVELED
PF	KNIFE
RD	ROUND
SQ	SQUARE

PA

APP Key	MRC	Mode Code	Requirements
	BDDQ	D	DRAFTING MACHINE DESIGN FEATURE

Definition: AN INDICATION OF WHETHER OR NOT A DRAFTING MACHINE DESIGN FEATURE IS PROVIVED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDDQDB*; BDDQDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

PC, PD

	AWEA	D	GRADUATIONS

Definition: AN INDICATION OF WHETHER OR NOT GRADUATIONS ARE INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AWEADB*; AWEADB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

PC*, PD*

	ANBJ	J	GRADUATION UNIT

Definition: THE INCREMENT OF MEASURE REPRESENTED BY THE MARKING(S) ON THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ANBJJAAG0.125*; ANBJJABC3.1*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

PC, PD

APP Key	MRC	Mode Code	Requirements
	BDLM	D	DRAFTING MACHINE CHUCK

Definition: AN INDICATION OF WHETHER OR NOT A DRAFTING MACHINE CHUCK(S) IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDLMDB*; BDLMDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

PB, PD

	ABHP	J	OVERALL LENGTH

Definition: THE DIMENSION MEASURED ALONG THE LONGITUDINAL AXIS WITH TERMINATED POINTS AT THE EXTREME ENDS OF THE ITEM.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABHPJAA12.000*; ABHPJLA304.8*; ABHPJAB12.311$$JAC12.500*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

PC

	ABRY	J	LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF ANY OBJECT, IN DISTINCTION FROM WIDTH.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABRYJAA18.000*; ABRYJLA475.2*; ABRYJAB3.575$$JAC3.525*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

PC, PD

BDLN J MAXIMUM WIDTH

Definition: THE MAXIMUM MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF THE ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDLNJA2.500*; BDLNJL63.5*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

PC, PD

ABNM J THICKNESS

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM LENGTH OR WIDTH.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. (e.g., ABNMJAA0.125*; ABNMJLA3.1*; ABNMJAB0.125$$JAC0.156*)

Table 1

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

APP Key	MRC	Mode Code	Requirements

Table 2

REPLY CODE	REPLY (AC20)
A	NOMINAL
B	MINIMUM
C	MAXIMUM

PA, PB

BDLP D SHEATH

Definition: AN INDICATION OF WHETHER OR NOT A SHEATH IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDLPDB*; BDLPDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

PC*, PD*

AKYD G ACCESSORY COMPONENTS AND QUANTITY

Definition: THE NAME AND NUMBER OF PARTS SUPPLIED WITH THE ITEM WHICH MAY BE REQUIRED FOR APPLICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., AKYDGCASE,1*; AKYDGCASE,1; CLAMP,1*)

SECTION: Q

APP Key	MRC	Mode Code	Requirements
ALL			
	NAME	D	ITEM NAME

Definition: A NOUN, WITH OR WITHOUT MODIFIERS, BY WHICH AN ITEM OF SUPPLY IS KNOWN.

Reply Instructions: Enter the Item Name Code from the index of Approved Item Names. (e.g., NAMED04376*)

QA, QB, QD			
	MATL	D	MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH AN ITEM IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., MATLDWDA000*; MATLDBR0000$$DWDAA00*; MATLDBR0000$DWDAA00*)

QB, QC, QD			
	APQB	D	UNIT TYPE

Definition: INDICATES THE TYPE OF UNIT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 10. (e.g., APQBDAGH*; APQBDAFY$DAGH*)

QB*, QC*			
	AAPN	A	SECTION QUANTITY

Definition: THE NUMBER OF INDIVIDUAL ELEMENTS.

Reply Instructions: Enter the quantity. (e.g., AAPNA2*)

QC			
	BDLQ	D	POLE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE POLE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BDLQDWD0000*; BDLQDWD0000$$DST0000*; BDLQDWD0000$DST0000*)

QC*

BDLR D SHOE MATERIAL

Definition: THE ELEMENT, COMPOUND, OR MIXTURE OF WHICH THE SHOE IS FABRICATED, EXCLUDING ANY SURFACE TREATMENT.

Reply Instructions: Enter the applicable Reply Code from Appendix A , Table 1. (e.g., BDLRDST0000*; BDLRDST0000$$DSTAAG0*; BDLRDST0000$DSTAAG0*)

QB

BDLS D MEASUREMENT SYSTEM

Definition: AN INDICATION OF THE MEASURING SYSTEM USED WITH THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDLSDAD*; BDLSDAD$DAC*)

REPLY CODE	REPLY (AM14)
AD	ENGLISH
AC	METRIC

NOTE FOR MRCS BDLT AND BDLW: REPLY TO MRC BDLT IF REPLY CODE AC IS ENTERED FOR MRC BDLS. REPLY TO MRC BDLW IF REPLY CODE AD IS ENTERED FOR MRC BDLS.

QB* (See Note Above)

BDLT A METER SCALE DIVISION QUANTITY

Definition: THE NUMBER OF PARTS INTO WHICH THE METER SCALE IS DIVIDED.

Reply Instructions: Enter the quantity. (e.g., BDLTA10*)

QB* (See Note Preceding MRC BDLT)

BDLW A FOOT SCALE DIVISION QUANTITY

APP Key	MRC	Mode Code	Requirements

Definition: THE NUMBER OF PARTS INTO WHICH THE FOOT SCALE IS DIVIDED.

Reply Instructions: Enter the quantity. (e.g., BDLWA10*)

QA*, QB*, QC*, QD*

DMTR J DIAMETER

Definition: THE LENGTH OF A STRAIGHT LINE WHICH PASSES THROUGH THE CENTER OF A CIRCULAR FIGURE OR BODY, AND TERMINATES AT THE CIRCUMFERENCE.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. Give the smallest diameter for Applicability Key QD. (e.g., DMTRJA3.625*; DMTRJL129.4*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

QA*, QB*, QC*, QD*

LGTH J LENGTH

Definition: A MEASUREMENT OF THE LONGEST DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., LGTHJF12.000*; LGTHJM3.7*)

REPLY CODE	REPLY (AA05)
C	CENTIMETERS
F	FEET
A	INCHES
M	METERS

QA*, QB*, QC*, QD*

BDLX J MINIMUM LENGTH

APP Key	MRC	Mode Code	Requirements

Definition: A MEASUREMENT OF THE SMALLEST DIMENSION OF AN ITEM, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDLXJF7.000*; BDLXJM2.1*)

REPLY CODE	REPLY (AA05)
F	FEET
M	METERS

QA*, QB*, QC*, QD*

WDTH J WIDTH

Definition: A MEASUREMENT TAKEN AT RIGHT ANGLES TO THE LENGTH OF AN ITEM, IN DISTINCTION FROM THICKNESS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. Give the smallest overall width for Applicability Key QD. (e.g., WDTHJA0.188*; WDTHJL4.7*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

QA*, QB*, QC*, QD*

ABRN J HEIGHT

Definition: A MEASUREMENT FROM THE BOTTOM TO THE TOP OF AN OBJECT, IN DISTINCTION FROM DEPTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., ABRNJA0.156*; ABRNJL3.9*)

REPLY CODE	REPLY (AA05)
A	INCHES
L	MILLIMETERS

QC

APP Key	MRC	Mode Code	Requirements
	SHPE	D	SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., SHPEDCT*; SHPEDCT$DRD*)

REPLY CODE	REPLY (AD07)
CT	OCTAGONAL
RT	RECTANGULAR
RD	ROUND
PG	ROUND-CORRUGATED

QC*

	HUES	D	COLOR

Definition: A CHARACTERISTIC OF LIGHT THAT CAN BE SPECIFIED IN TERMS OF LUMINANCE, DOMINANT WAVELENGTH, AND PURITY.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., HUESDRE0000*; HUESDRE0000$DWH0000*)

REPLY CODE	REPLY (AD06)
BL0000	BLACK
LD0000	OLIVE DRAB
RG0000	ORANGE
RE0000	RED
SL0000	SILVER
WH0000	WHITE

QC*

	BDLY	J	COLOR BAND LENGTH

Definition: A NOMINAL MEASUREMENT OF THE LONGEST DIMENSION OF THE COLOR BAND, IN DISTINCTION FROM WIDTH.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., BDLYJA12.000*; BDLYJL30.4*)

REPLY CODE	REPLY (AA05)
A	INCHES

APP Key	MRC	Mode Code	Requirements
		L	MILLIMETERS

QD

AAWN D BODY CROSS-SECTIONAL SHAPE

Definition: THE PHYSICAL CONFIGURATION OF THE BODY WHEN VIEWED IN CROSS SECTION.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AAWNDDP*; AAWNDDP$DTE*)

REPLY CODE	REPLY (AD07)
CR	CIRCULAR
HE	HEXAGONAL
DP	L
RT	RECTANGULAR
FF	SEMICIRCULAR
TE	TEE

QB*

BDLZ D TARGET SHAPE

Definition: THE PHYSICAL CONFIGURATION OF A TARGET.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDLZDBT*; BDLZDBT$DRD*)

REPLY CODE	REPLY (AD07)
PH	ANGLE
BG	DIAMOND
BT	OVAL
RD	ROUND

QB*

BDMB D VERNIER

Definition: AN INDICATION OF WHETHER OR NOT A VERNIER IS INCLUDED.

APP Key	MRC	Mode Code	Requirements

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDMBDB*; BDMBDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

NOTE FOR MRC BDMC: REPLY TO THIS MRC IF REPLY CODE B IS ENTERED FOR MRC BDMB.

QB* (See Note Above)

BDMC D VERNIER SCALE GRADUATION

Definition: AN INDICATION OF THE PARTS INTO WHICH A VERNIER SCALE IS GRADUATED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDMCDDT*; BDMCDDT$DDW*)

REPLY CODE	REPLY (AG67)
DS	HUNDREDTHS OF A FOOT
DT	THOUSANDTHS OF A FOOT
DW	THOUSANDTHS OF A METER

QB*

BDMD D MICROMETER ADJUSTMENT

Definition: AN INDICATION OF WHETHER OR NOT A MICROMETER ADJUSTMENT IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDMDDB*; BDMDDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

QB

APP Key	MRC	Mode Code	Requirements

BDMF D CLAMP SCREW

Definition: AN INDICATION OF WHETHER OF NOT A CLAMP SCREW IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDMFDB*; BDMFDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

QB

BDMG D AUTOMATIC LOCKING DEVICE

Definition: AN INDICATION OF WHETHER OR NOT AN AUTOMATIC LOCKING DEVICE IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDMGDB*; BDMGDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

QB

BDMH D PLUMBING LEVEL

Definition: AN INDICATION OF WHETHER OR NOT A PLUMBING LEVEL IS INCLUDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDMHDB*; BDMHDB$DC*)

REPLY CODE	REPLY (AA49)
B	INCLUDED
C	NOT INCLUDED

QD*

APP Key	MRC	Mode Code	Requirements
	BDMJ	D	COUPLER ADAPTED END

Definition: AN INDICATION OF WHETHER ONE OR BOTH ENDS ARE ADAPTED FOR A COUPLER.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., BDMJDAAC*; BDMJDAAC$DAAB*)

REPLY CODE	REPLY (AM96)
AAC	BOTH
AAB	ONE

QA

	MARK	G	SPECIAL MARKINGS

Definition: MARKINGS INCLUDED ON AN ITEM FOR THE PURPOSE OF OFFERING INSTRUCTIONS OR WARNINGS OR TO INDICATE THE PURPOSE, FUNCTION, OR APPLICATION OF THE ITEM. EXCLUDES MANUFACTURERS PART NUMBERS, SYMBOLS, OR THE LIKE.

Reply Instructions: Enter the reply in clear text. (e.g., MARKGUS COAST AND GEODETIC SURVEY, BENCHMARK*)

QB*, QC*

	AFJU	D	CARRYING CASE

Definition: AN INDICATION OF WHETHER OR NOT A CONTAINER FROM WHICH THE ITEM IS COMPLETELY REMOVABLE IN NORMAL OPERABLE CONDITION IS PROVIDED.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., AFJUDB*; AFJUDB$DC*)

REPLY CODE	REPLY (AB22)
C	NOT PROVIDED
B	PROVIDED

SECTION: STANDARD

APP Key	MRC	Mode Code	Requirements
ALL*			
	FEAT	G	SPECIAL FEATURES

Definition: THOSE UNUSUAL OR UNIQUE CHARACTERISTICS OR QUALITIES OF AN ITEM NOT COVERED IN THE OTHER REQUIREMENTS AND WHICH ARE DETERMINED TO BE ESSENTIAL FOR IDENTIFICATION.

Reply Instructions: Enter the reply in clear text. Separate multiple replies with a semicolon. (e.g., FEATGADJUSTABLE NOSE CLIP*; FEATGADJUSTABLE NOSE PIECE; DISPOSABLE*)

ALL*			
	TEST	J	TEST DATA DOCUMENT

Definition: THE SPECIFICATION, STANDARD, DRAWING, OR SIMILAR INSTRUMENT THAT SPECIFIES ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS OR TEST CONDITIONS UNDER WHICH AN ITEM IS TESTED AND ESTABLISHES ACCEPTABLE LIMITS WITHIN WHICH THE ITEM MUST CONFORM IDENTIFIED BY AN ALPHABETIC AND/OR NUMERIC REFERENCE NUMBER. INCLUDES THE COMMERCIAL AND GOVERNMENT ENTITY (CAGE) CODE OF THE ENTITY CONTROLLING THE INSTRUMENT.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the 5-position CAGE Code, a dash, and the document identification number.

(e.g., TESTJA12345-CWX654321*;

TESTJA1234A-654321$$JB5556A-663654*;

TESTJAA2345-654321$JB55566-663654*)

REPLY CODE	REPLY (AC28)
A	SPECIFICATION (Includes engineering type bulletins, brochures, etc., that reflect specification type data in specification format; excludes commercial catalogs, industry directories, and similar trade publications, reflecting general type data on certain environmental and performance requirements and test conditions that are shown as "typical," "average," "nominal," etc.)
B	STANDARD (Includes industry or association standards, individual manufacturer standards, etc.)

APP Key	MRC	Mode Code	Requirements
		C	DRAWING (This is the basic governing drawing, such as a contractor drawing, original equipment manufacturer drawing, etc.; excludes any specification, standard, or other document that may be referenced in a basic governing drawing)

ALL*

SPCL G SPECIAL TEST FEATURES

Definition: TEST CONDITIONS AND RATINGS, OR ENVIRONMENTAL AND PERFORMANCE REQUIREMENTS THAT ARE DIFFERENT, MORE CRITICAL, OR MORE SPECIFIC THAN THOSE SPECIFIED IN A GOVERNING TEST DATA DOCUMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SPCLGSELECTED AND TESTED FOR NAVIGATIONAL SYSTEMS*)

ALL*

ZZZK J SPECIFICATION/STANDARD DATA

Definition: THE DOCUMENT DESIGNATOR OF THE SPECIFICATION OR STANDARD WHICH ESTABLISHED THE ITEM OF SUPPLY.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the Commercial and Government Entity (CAGE) Code of the entity controlling the document, a dash, and the document designator. The agency that controls the limited coordination document must be preceded and followed by a slash following the designator. The word canceled or superseded must be preceded and followed by a slash for the designator. Professional and industrial association specifications/standards are differentiated from a manufacturer's specification in that the data has been coordinated and published by the professional and industrial association. Include amendments and revisions where applicable.

(e.g., ZZZKJT81337-30642B*;

ZZZKJS81349-MIL-D-180 REV1/CANCELED/*;

ZZZKJP80205-NAS1103*;

ZZZKJS81349-MIL-C-1140C/CE/*;

ZZZKJT81337-30642B$$JP80205-NAS1103*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (AN62)
S	GOVERNMENT SPECIFICATION
T	GOVERNMENT STANDARD
D	MANUFACTURERS SOURCE CONTROL
R	MANUFACTURERS SPECIFICATION
N	MANUFACTURERS SPECIFICATION CONTROL
M	MANUFACTURERS STANDARD
B	NATIONAL STD/SPEC
A	PROFESSIONAL/INDUSTRIAL ASSOCIATION SPECIFICATION
P	PROFESSIONAL/INDUSTRIAL ASSOCIATION STANDARD

NOTE FOR MRC ZZZT: IF THE SPECIFICIATION/STANDARD CITED IN REPLY TO MRC ZZZK IS NONDEFINITIVE, REPLY TO MRC ZZZT. THIS REPLY IS THE DATA WHICH IS NOT RECORDED IN SEGMENT C.

ALL* (See Note Above)

ZZZT J NONDEFINITIVE SPEC/STD DATA

Definition: THE NUMBER, LETTER, OR SYMBOL THAT INDICATES THE TYPE, STYLE, GRADE, CLASS, AND THE LIKE, OF AN ITEM IN A NONIDENTIFYING SPECIFICATION OR STANDARD.

Reply Instructions: Enter the applicable Reply Code from Appendix A, Table 6, followed by the appropriate number, letter, or symbol. (e.g., ZZZTJTY1*; ZZZTJTY1$$JSTA*; ZZZTJTY1$JSTA*)

ALL*

ZZZW G DEPARTURE FROM CITED DOCUMENT

Definition: THE TECHNICAL DIFFERENTIATING CHARACTERISTIC(S) OF AN ITEM OF SUPPLY WHICH DEPART(S) FROM THE TEXT OF A SPECIFICATION OR A STANDARD IN THAT IT REPRESENTS A SELECTION OF CHARACTERISTICS STATED IN THE SPECIFICATION OR STANDARD AS BEING OPTIONAL, OR A VARIATION FROM ONE OR MORE OF THE STATED CHARACTERISTICS, OR AN ADDITIONAL CHARACTERISTIC NOT STATED IN THE SPECIFICATION OR STANDARD.

Reply Instructions: Enter the reply in clear text. (e.g., ZZZWGAS MODIFIED BY MATERIAL*)

APP Key	MRC	Mode Code	Requirements
ALL*			
	ZZZX	G	DEPARTURE FROM CITED DESIGNATOR
			Definition: THE VARIATION WHEN THE ITEM IS IN CONFORMITY WITH A TYPE DESIGNATOR COVERED BY A SPECIFICATION OR STANDARD, EXCEPT IN REGARD TO ONE OR MORE TECHNICAL DIFFERENTIATING CHARACTERISTICS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZXGAS MODIFIED BY MATERIAL*)
ALL*			
	ZZZY	G	REFERENCE NUMBER DIFFERENTIATING CHARACTERISTICS
			Definition: A FEATURE OF THE ITEM OF SUPPLY WHICH MUST BE SPECIFICALLY RECORDED WHEN THE REFERENCE NUMBER COVERS A RANGE OF ITEMS.
			Reply Instructions: Enter the reply in clear text. (e.g., ZZZYGCOLOR CODED LEADS*; ZZZYGAS DIFFERENTIATED BY MATERIAL*)
ALL*			
	CRTL	A	CRITICALITY CODE JUSTIFICATION
			Definition: THE MASTER REQUIREMENT CODES OF THOSE REQUIREMENTS WHICH ARE TECHNICALLY CRITICAL BY REASON OF TOLERANCE, FIT, PERFORMANCE, OR OTHER CHARACTERISTICS WHICH AFFECT IDENTIFICATION OF THE ITEM.
			Reply Instructions: Enter the Master Requirement Code for the requirement, the reply to which renders the item as being critical. (e.g., CRTLAMATL*; CRTLAMATL$$ASURF*)
			Reply to this requirement only if the header record for the item identification for the item being identified has been coded as critical.
NOTE FOR MRC PRPY: IF DOCUMENT AVAILABILITY CODE B, D, F, OR H, REPLY TO MRC PRPY.			
ALL* (See Note Above)			

APP Key	MRC	Mode Code	Requirements
	PRPY	A	PROPRIETARY CHARACTERISTICS

Definition: IDENTIFICATION OF THOSE CHARACTERISTICS INCLUDED IN THE DESCRIPTION FOR WHICH A NON-GOVERNMENT ACTIVITY HAS IDENTIFIED ALL OR SELECTED CHARACTERISTICS OF THE ITEM AS BEING PROPRIETARY AND THEREFORE RESTRICTED FROM RELEASE OUTSIDE THE GOVERNMENT WITHOUT PRIOR PERMISSION OF THE ORIGINATOR OF THE DATA.

Reply Instructions: Enter the MRC codes of the individual characteristics of the description which are marked proprietary on the technical data, using AND coding ($$) for multiple characteristics. If all the MRCs are proprietary, enter the reply PACS. If none of the MRCs is proprietary, enter the reply NPAC. (e.g., PRPYAPACS*; PRPYANPAC*; PRPYAMATL$$ASURF*)

ALL*

	ELRN	G	EXTRA LONG REFERENCE NUMBER

Definition: A REFERENCE NUMBER EXCEEDING 32 POSITIONS.

Reply Instructions: Enter the entire reference number. Do not include the 5-position Commercial and Government Entity (CAGE) Code unless there is more than one extra long reference number on the NSN, (e.g., ELRNGANN112036BIL060557LEN313605UZ62365*).

If there is more than one extra long reference number on the NSN, include the CAGE or NCAGE and separate each reference by using the "&" character, (e.g., 28480 ANN112036BIL060557LEN313605UZ62365 & S1234 NN112036BIL060557LEN313605UZ62365).

In determining quantity of characters in the reference number, count will be made after modification in accordance with Volume 2, Chapter 9, FLIS Procedures Manual, DoD 4100.39-M.

ALL*

	ELCD	D	EXTRA LONG CHARACTERISTIC DESCRIPTION

Definition: A DESCRIPTION THAT EXCEEDS 5000 CHARACTERS.

Reply Instructions: Enter the Reply Code from the table below. (e.g., ELCDDA*)

REPLY CODE	REPLY (AN58)

FIIG T
Section Parts

APP Key	MRC	Mode Code	Requirements
		A	ADDITIONAL DESCRIPTIVE DATA ON MANUAL RECORD

SECTION: SUPPTECH

APP Key	MRC	Mode Code	Requirements
ALL			
	AGAV	G	END ITEM IDENTIFICATION

Definition: THE NATIONAL STOCK NUMBER OR THE IDENTIFICATION INFORMATION OF THE END EQUIPMENT FOR WHICH THE ITEM IS A PART.

Reply Instructions: Enter the reply in clear text.

(e.g., AGAVG3930-00-000-0000*;

AGAVGFORKLIFT TRUCK, SMITH CORPORATION, MODEL 12, TYPE A*)

ALL			
	AFJK	J	CUBIC MEASURE

Definition: A MEASUREMENT OF VOLUME TAKEN BY MULTIPLYING THE LENGTH BY THE WIDTH BY THE HEIGHT OF AN ITEM AND RENDERED IN CUBIC UNITS.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the numeric value. (e.g., AFJKJF1.0219*; AFJKJE36.1*)

REPLY CODE	REPLY (AD42)
F	CUBIC FEET
E	CUBIC METERS

ALL			
	PRMT	D	PRECIOUS MATERIAL

Definition: IDENTIFICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below. (e.g., PRMTDAGA000*; PRMTDAUA000$$DAGA000*; PRMTDAGA000$DAUA000*)

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM

APP Key	MRC	Mode Code	Requirements
		PTA000	PLATINUM
		RHA000	RHODIUM
		RTA000	RUTHENIUM
		AGA000	SILVER

ALL

PMWT J PRECIOUS MATERIAL AND WEIGHT

Definition: AN INDICATION OF THE PRECIOUS MATERIAL CONTAINED IN THE ITEM, AND THE AMOUNT PER A MEASUREMENT SCALE.

Reply Instructions: Enter the applicable Reply Codes from Tables 1 and 2 below, followed by the numeric value. Enter multiple replies in Table 1 sequence. (e.g., PMWTJPTA000R0.780*; PMWTJAUA000F0.500$$JAGA000R0.780*)

Table 1

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

Table 2

REPLY CODE	REPLY (AG14)
E	GRAINS, TROY
R	GRAMS
F	OUNCES, TROY

ALL

PMLC J PRECIOUS MATERIAL AND LOCATION

Definition: AN INDICATION OF THE PRECIOUS MATERIAL AND ITS LOCATION IN THE ITEM.

Reply Instructions: Enter the applicable Reply Code from the table below, followed by the location in clear text. (e.g., PMLCJAUA000TERMINALS*; PMLCJAUA000TERMINALS$$JAGA000INTERNAL SURFACES*; PMLCJAGA000INTERNAL SURFACES$JAUA000TERMINALS*)

APP Key	MRC	Mode Code	Requirements

REPLY CODE	REPLY (MA01)
AUA000	GOLD
IRA000	IRIDIUM
AZA000	OSMIUM
PDA000	PALLADIUM
PTA000	PLATINUM
RHA000	RHODIUM
RTA000	RUTHENIUM
AGA000	SILVER

ALL

SUPP G SUPPLEMENTARY FEATURES

Definition: CHARACTERISTICS OR QUALITIES OF AN ITEM, NOT COVERED IN ANY OTHER REQUIREMENT, WHICH ARE CONSIDERED ESSENTIAL INFORMATION FOR ONE OR MORE FUNCTIONS EXCLUDING NSN ASSIGNMENT.

Reply Instructions: Enter the reply in clear text. (e.g., SUPPGMAY INCL HOLE IN UPPER SUPPORT FOR MTG DURING SHIPMENT*)

ALL

FCLS A FUNCTIONAL CLASSIFICATION

Definition: THE ALPHA-NUMERIC DESIGNATION THAT IDENTIFIES THE CLASSIFICATION OF THE ITEM ACCORDING TO THE CATEGORY OF FUNCTIONS PERFORMED.

Reply Instructions: Enter the reply from the applicable document.

(e.g., FCLSAHH-1.5*)

ALL

FTLD G FUNCTIONAL DESCRIPTION

Definition: DESCRIBES THE CAPABILITIES, INTENDED USE, AND/OR PURPOSE FOR WHICH THE ITEM IS PROVIDED.

Reply Instructions: Enter description of function as concisely as possible. (e.g., FTLDGUSED TO INSTALL/REMOVE ENGINE NACELLE*)

APP Key	MRC	Mode Code	Requirements
ALL			
	TMDN	A	TYPE/MODEL DESIGNATION
	Definition: THE ALPHA-NUMERIC-ALPHA DESIGNATION USED TO IDENTIFY THE TYPE AND/OR MODEL OF THE BASIC ITEM.		
	Reply Instructions: Enter the appropriate designation data.		
	(e.g., TMDNAMSV-615/M*)		
ALL			
	RTSE	G	RELATIONSHIP TO SIMILAR EQUIPMENT
	Definition: INDICATES THE RELATIONSHIP, SUCH AS CONSTRUCTION, CAPABILITIES, AND THE LIKE, OF THE ITEM TO A SIMILAR ITEM.		
	Reply Instructions: Enter concise statement for similar item including name and identifying data.		
	(e.g., RTSEGSIMILAR TO LOCKHEED OVERWING ENGINE HOIST P/N 61521-58*)		
ALL			
	RDAL	G	REFERENCE DATA AND LITERATURE
	Definition: LITERATURE AND REFERENCES AVAILABLE FOR INFORMATION PERTAINING TO THE ITEM.		
	Reply Instructions: Enter data appropriate and in a concise manner to identify informational references covering the item.		
	(e.g., RDALGNAAVAIROIA/VFK58 A-2.2.9*)		
ALL			
	NTRD	A	ENTRY DATE
	Definition: INDICATE THE DATE THE ITEM WAS ENTERED INTO MIL-HDBK-300.		
	Reply Instructions: Enter the date structured in three hyphenated 2 position segments to indicate the last 2 digits of the calendar year, month, and day.		

APP Key	MRC	Mode Code	Requirements
	(e.g., NTRDA80-05-28*)		
ALL			
	ZZZV	G	FSC APPLICATION DATA
	Definition: THE JUSTIFICATION FOR THE ASSIGNMENT OF A FEDERAL SUPPLY CLASS (FSC) TO AN ITEM BASED ON THE CLASSIFICATION OF THE NEXT HIGHER CLASSIFIABLE ASSEMBLY.		
	Reply Instructions: Enter the name of the next higher classifiable assembly in clear text. (e.g., ZZZVGFUEL SYSTEM, GASOLINE ENGINE, NONAIRCRAFT*)		
ALL			
	CXCY	G	PART NAME ASSIGNED BY CONTROLLING AGENCY
	Definition: THE NAME ASSIGNED TO THE ITEM BY THE GOVERNMENT AGENCY OR COMMERCIAL ORGANIZATION CONTROLLING THE DESIGN OF THE ITEM.		
	Reply Instructions: Enter the reply in clear text. (e.g., CXCYGLINE PROCESSOR CONTROL BOARD*)		

[Blank Page]

Reply Tables

Table 1 - MATERIALS

MATERIALS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AL0000	ALUMINUM ALLOY
WDAB00	BASSWOOD
WDAC00	BOXWOOD
BR0000	BRASS
CPB000	BRISTOL BOARD
	Bristol Paper (use Reply Code CPB000)
BN0000	BRONZE
	Celluloid (use Reply Code PCH000)
CPE000	CHIPBOARD
CR0000	CHROMIUM
DFX000	CLOTH, ACRYLIC
CQA000	CORK
ABT000	CORUNDUM
CCA000	COTTON CANVAS, STANDARD
FB0000	FIBER
FD0000	FIBERBOARD
FG0000	FIBERGLASS
GS0000	GLASS
WDAD00	HARDBOARD
WDAE00	HARDWOOD
BXA000	HORN
FE0000	IRON
FEA000	IRON, CAST
DFAAB0	JUTE
LR0000	LEATHER
LRA000	LEATHER, ARTIFICIAL
LE0000	LINOLEUM
MG0000	MAGNESIUM
MGA000	MAGNESIUM ALLOY
ME0000	METAL
NF0000	NICKEL
NFK000	NICKEL BRASS
NS0000	NICKEL SILVER
NFT000	NICKEL STEEL
PF0000	PAPER
PC0000	PLASTIC
PCH000	PLASTIC, CELLULOSE NITRATE
PCDT00	PLASTIC, MOLDED
PCDW00	PLASTIC, OPTICAL
PCDX00	PLASTIC, TRANSPARENT
PCDY00	PLASTIC, VINYL ACETATE RESIN
PW0000	PLYWOOD

REPLY CODE	REPLY (AD09)
RCAZ00	RUBBER, HARD
JEA000	SAPPHIRE
AG0000	SILVER
ST0000	STEEL
STB000	STEEL, CORROSION RESISTING
STAAE0	STEEL, CORROSION RESISTING, HARDENED
STAAF0	STEEL, CORROSION RESISTING, SEMIHARDENED
STAAG0	STEEL, HARDENED
STD000	STEEL, STAINLESS
WDT000	TEAKWOOD
TL0000	TOOL STEEL
TNA000	TUNGSTEN CARBIDE
WD0000	WOOD
WDG000	WOOD, BALSA
WDW000	WOOD, HARD MAPLE
WDK000	WOOD, MAHOGANY
WDA000	WOOD, MAPLE
WDX000	WOOD, PINE
WDZ000	WOOD, PRESSED
WDY000	WOOD, WHITE PINE
WDAA00	WOOD, YELLOW BIRCH
ZNL000	ZINC ALLOY

Table 2 - SURFACE TREATMENTS

SURFACE TREATMENTS

REPLY CODE	REPLY (AD09)
ALC000	ALUMINUM
AN0000	ANODIZED
BBE000	BLACK CHEMICAL
BRAC00	BRASS, CHROME PLATED
CRA000	CHROMIUM PLATED
BBF000	COMMERCIAL BLACK
	Crinkle Paint (use Reply Code PNM000)
BBJ000	DULL BLACK
ENC000	ENAMELED
FNAS00	FINISH, TRANSPARENT
GB0000	GALVANIZED
LQC000	LACQUERED
NR0000	NATURAL
	Natural Aluminum (use Reply Code ALC000)
NFG000	NICKEL PLATED
PN0000	PAINTED
PNM000	PAINTED, WRINKLE
PS0000	PASSIVATED
FNE000	POLISHED
SX0000	SHELLAC

REPLY CODE	REPLY (AD09)
STAAH0	STEEL, CHROME PLATED
VA0000	VARNISHED

Table 3 - DESIGN TYPES

DESIGN TYPES

REPLY CODE	REPLY (AK54)
AQT	ANGLE
AQW	ARCHITECTS AID
AQX	BOLT
APQ	CIRCLE
AQY	COMPUTER DIAGRAM
AQZ	DATA PROCESSING FLOW CHART SYMBOL
ARA	DELTA
ARB	DIAMOND
ARC	DIE SYMBOL
ARD	ELECTRICAL SYMBOL
ARE	FRACTION
ARF	HEXAGON
ARG	ISOMETRIC ELLIPSE
ARH	LOGIC SYMBOL
ARJ	MATHEMATICAL SYMBOL
ARK	MILITARY MAP SYMBOL
ARL	NUT
ARM	OFFICE PLAN LAYOUT
ARN	RECTANGLE
ARP	RIVET
ARQ	ROTARY SWITCH
ARR	SCALLOR
ARS	SCREW
ART	SCRIPT
ARW	SHIPBOARD LAYOUT
ARX	SQUARE
ARY	SQUARE RAPID DESIGN
ARZ	STRUCTURAL SHAPE
ASA	TOOL SYMBOL
ASB	TRIANGLE

Table 4 - TYPE FACE DESIGNS

TYPE FACE DESIGNS

REPLY CODE	REPLY (AH32)
DX	ALTERNATE GOTHIC NO. 2
DY	BALLOON EXTRA BOLD
DZ	BERNHARD MODERN BOLD
EA	BODONI BOLD

REPLY CODE	REPLY (AH32)
EB	BODONI BOLD ITALIC
EC	BODONI BOLD ULTRA ITALIC
ED	BRUSH
EE	CARTOGRAPHIC ROMAN
EF	CARTOGRAPHIC ROMAN ITALIC
EG	CASLON NEW ITALIC
EH	CASLON NEW STYLE
EJ	CASUAL JOINING HEAVY SCRIPT
EK	CASUAL JOINING MEDIUM SCRIPT
EL	CLASSIC ROMAN
EM	COMMERCIAL SCRIPT
EN	CONDENSED DUAL ALPHABET
EP	CONDENSED LIGHT FACE OLD ENGLISH
EQ	CONDENSED SPENCERIAN SCRIPT
ER	CONDENSED VERTICAL GOTHIC
ES	COPPERPLATE DEMIBOLD
ET	CORONET
EW	DISPLAY
EX	DON CASUAL
HA	DUAL ROMAN
EY	EXTENDED GOTHIC
EZ	EXTRA BOLD EXTENDED CASUAL ITALIC
FA	EXTRA CONDENSED HEAVY GOTHIC
FB	FRANKLIN GOTHIC CONDENSED
FC	FRANKLIN GOTHIC EXTRA CONDENSED
FD	FUTURA BOLD
FE	FUTURA BOLD CONDENSED
FF	FUTURA BOLD ITALIC
FG	FUTURA DEMIBOLD
FH	FUTURA DEMIBOLD ITALIC
FJ	FUTURA DISPLAY
FK	FUTURA MEDIUM
FL	FUTURA MEDIUM ITALIC
FM	FUTURA ULTRA BOLD
FN	FUTURA ULTRA BOLD CONDENSED
FP	FUTURA ULTRA BOLD ITALIC
FQ	GARAMOND BOLD
AB	GOTHIC
FR	HEAVY JOINING CASUAL ITALIC SCRIPT
FS	HIGHWAY SIGN
AF	ITALIC
FT	KAUFMAN BOLD
FW	KAUFMAN SCRIPT
FX	LIGHT ITALIC BLURB
FY	LYDIAN
FZ	LYDIAN BOLD CONDENSED
GA	LYDIAN CURSIVE
GB	MEDIUM BLURB

REPLY CODE	REPLY (AH32)
GC	OLD ENGLISH
GD	ORPLID
GE	PLAYBILL
AC	ROMAN
AD	SCRIPT
GF	SINGLE STROKE GOTHIC
GG	SINGLE STROKE GOTHIC ITALIC
GH	SINGLE STROKE SCRIPT
GK	STENCIL
GL	STYMIE BOLD
HB	STYMIE EXTRA BOLD
GM	STYMIE EXTRA BOLD CONDENSED
GN	STYMIE EXTRA BOLD ITALIC
GP	STYMIE LIGHT
GQ	STYMIE MEDIUM
GR	UMBRA
GS	VENUS BOLD EXTENDED
GT	VENUS EXTRA BOLD EXTENDED
GW	VERTICAL BOLD CASUAL
GX	VERTICAL GOTHIC
GY	VERTICAL LETTER
GZ	VOGUE LIGHT

Table 5 - THREAD SERIES
THREAD SERIES

REPLY CODE	REPLY (AH06)
SM	ISO M
SS	ISO S
NN	NONSTANDARD
UN	UN
NC	UNC
NE	UNEF
NF	UNF
NJ	UNJ
JC	UNJC
JE	UNJEF
JF	UNJF
NM	UNM
NS	UNS

Table 6 - NONDEFINITIVE SPEC/STD DATA
NONDEFINITIVE SPEC/STD DATA

REPLY CODE	REPLY (AD08)
AL	ALLOY

REPLY CODE	REPLY (AD08)
AN	ANNEX
AP	APPENDIX
AC	APPLICABILITY CLASS
AR	ARRANGEMENT
AS	ASSEMBLY
AB	ASSORTMENT
BX	BOX
CY	CAPACITY
CA	CASE
CT	CATEGORY
CL	CLASS
CE	CODE
CR	COLOR
CC	COMBINATION CODE
CN	COMPONENT
CP	COMPOSITION
CM	COMPOUND
CD	CONDITION
CS	CONSTRUCTION
DE	DESIGN
DG	DESIGNATOR
DW	DRAWING NUMBER
EG	EDGE
EN	END
FY	FAMILY
FG	FIGURE
FN	FINISH
FM	FORM
FA	FORMULA
GR	GRADE
GP	GROUP
BA	IMAGE COLOR
NS	INSERT
TM	ITEM
KD	KIND
KT	KIT
LG	LENGTH
LT	LIMIT
MK	MARK
AA	MARKER
ML	MATERIAL
BB	MAXIMUM DENSITY
MH	MESH
ME	METHOD
BC	MINIMUM DENSITY
MD	MODEL
MT	MOUNTING
NR	NUMBER

REPLY CODE	REPLY (AD08)
PT	PART
PN	PATTERN
PC	PHYSICAL CONDITION
PS	PIECE
PL	PLAN
PR	POINT
QA	QUALITY
RN	RANGE
RT	RATING
RF	REFERENCE NUMBER
SC	SCHEDULE
SB	SECTION
SL	SELECTION
SE	SERIES
SV	SERVICE
SX	SET
SA	SHADE
SH	SHAPE
SG	SHEET
SZ	SIZE
PZ	SPECIES
SQ	SPECIFICATION SHEET
SD	SPEED
ST	STYLE
SS	SUBCLASS
SF	SUBFORM
SP	SUBTYPE
SN	SURFACE CONDITION
SY	SYMBOL
SM	SYSTEM
TB	TABLE
TN	TANNAGE
TP	TEMPER
TX	TEXTURE
TK	THICKNESS
TT	TREATMENT
TR	TRIM
TY	TYPE
YN	UNIT
VA	VARIETY
WT	WEIGHT
WD	WIDTH

Table 7 - HEAD TYPES

HEAD TYPES

REPLY CODE	REPLY (AE98)

REPLY CODE	REPLY (AE98)
PE	ADJUSTABLE
PF	ADJUSTABLE DOUBLE
PG	DOUBLE
PH	DOUBLE SHIFTING
PJ	FIXED
PK	ONE ADJUSTABLE
PL	ONE FIXED
PM	SINGLE SHIFTING PROTRACTOR
PN	SWIVEL

Table 8 - EDGE FORM TYPES

EDGE FORM TYPES

REPLY CODE	REPLY (AD07)
NG	EIGHT BEVELED
NH	FOUR BEVELED
NJ	ONE BEVELED
NK	OPPOSITE BEVELED
NM	SQUARE BEVELED
NL	SQUARE/BEVELED
NN	THREE BEVELED
NP	TWO BEVELED

Table 9 - SCALE UNIT OF MEASURE INSCRIPTION

SCALE UNIT OF MEASURE INSCRIPTION

REPLY CODE	REPLY (AB49)
AB	CENTIMETERS
AF	FEET
AY	INCHES
BN	KNOTS
DZ	METERS
EA	MILES
AM	MILLIMETERS
EB	RODS
EC	STATUTE MILES
AU	YARDS

Table 10 - UNIT TYPES

UNIT TYPES

REPLY CODE	REPLY (AK95)
AEQ	ANCHORED
AER	ARCHITECT
AES	ARM

REPLY CODE	REPLY (AK95)
AET	BLACKBOARD
AEW	BUILDER
AEX	CHICAGO
AEY	CONCRETE FINISHERS SMOOTHNESS
AEZ	CORNER-ANCHORED
AFA	DIRECTIONAL
AFB	DISC
AFC	DRAFTSMAN
AFD	DROP-BOW
AFE	DROP-SPRING BOW
AFF	FLEXIBLE
AFG	FOLDING
AFH	FRISCO
AFJ	GEODETIC
AFK	HAIRSPRING
AFL	HAND
AFM	HANDLE
AFN	LEVELING
AFP	MACHINIST
AFR	MID-ANCHORED
AFS	MOUNTED
AFT	NONTELESCOPING
AFW	ONE-PIECE
AFX	OPEN CENTER
AFY	PHILADELPHIA
AFZ	PLAIN
AGA	PLOTTING
AGB	POLAR
AGC	PRECISE LEVELING
AGD	PRINTER
AGE	RADIAL
AGF	REPEATING
AGG	ROLLING
AGH	SECTIONAL
CCN	SINE BAR
AGJ	SOLID
AGK	SPRING-BOW
AGL	STANDARD (Sawmakers)
AGM	STEPPING
AGN	STRAIGHT
AGP	STRAIGHT EDGE
CLZ	STRAIGHT FOUR EDGES
CMA	STRAIGHT KNIFE EDGE
AGQ	SUSPENDED
AGR	TELESCOPING
AGS	TOOLMAKER
AGT	TRACK
AGW	WATCH

Table 11 - *IDENTIFIED SECONDARY ADDRESS CODING*

IDENTIFIED SECONDARY ADDRESS CODING

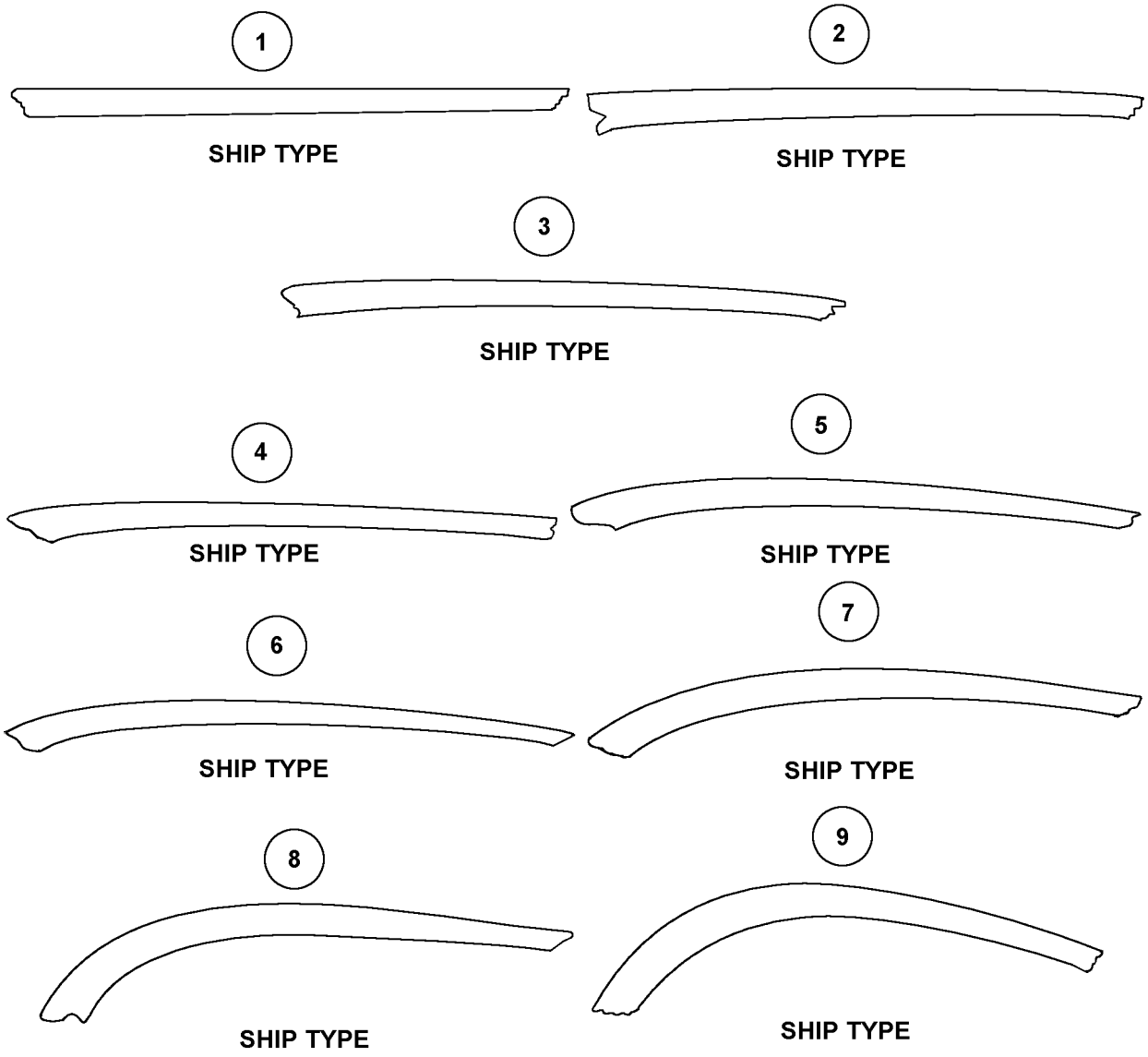
REPLY CODE	REPLY (0360)
1A	1ST ALTERNATE OPERATING POWER RQMT
1M	1ST OPERATING POWER RQMT
1B	2ND ALTERNATE OPERATING POWER RQMT
1N	2ND OPERATING POWER RQMT
1C	3RD ALTERNATE OPERATING POWER RQMT
1P	3RD OPERATING POWER RQMT
1D	4TH ALTERNATE OPERATING POWER RQMT
1Q	4TH OPERATING POWER RQMT
1E	5TH ALTERNATE OPERATING POWER RQMT
1R	5TH OPERATING POWER RQMT
1F	6TH ALTERNATE OPERATING POWER RQMT
1S	6TH OPERATING POWER RQMT
1G	7TH ALTERNATE OPERATING POWER RQMT
1T	7TH OPERATING POWER RQMT
1H	8TH ALTERNATE OPERATING POWER RQMT
1U	8TH OPERATING POWER RQMT
1J	9TH ALTERNATE OPERATING POWER RQMT
1V	9TH OPERATING POWER RQMT
1K	10TH ALTERNATE OPERATING POWER RQMT
1W	10TH OPERATING POWER RQMT
1L	11TH ALTERNATE OPERATING POWER RQMT
1X	11TH OPERATING POWER RQMT

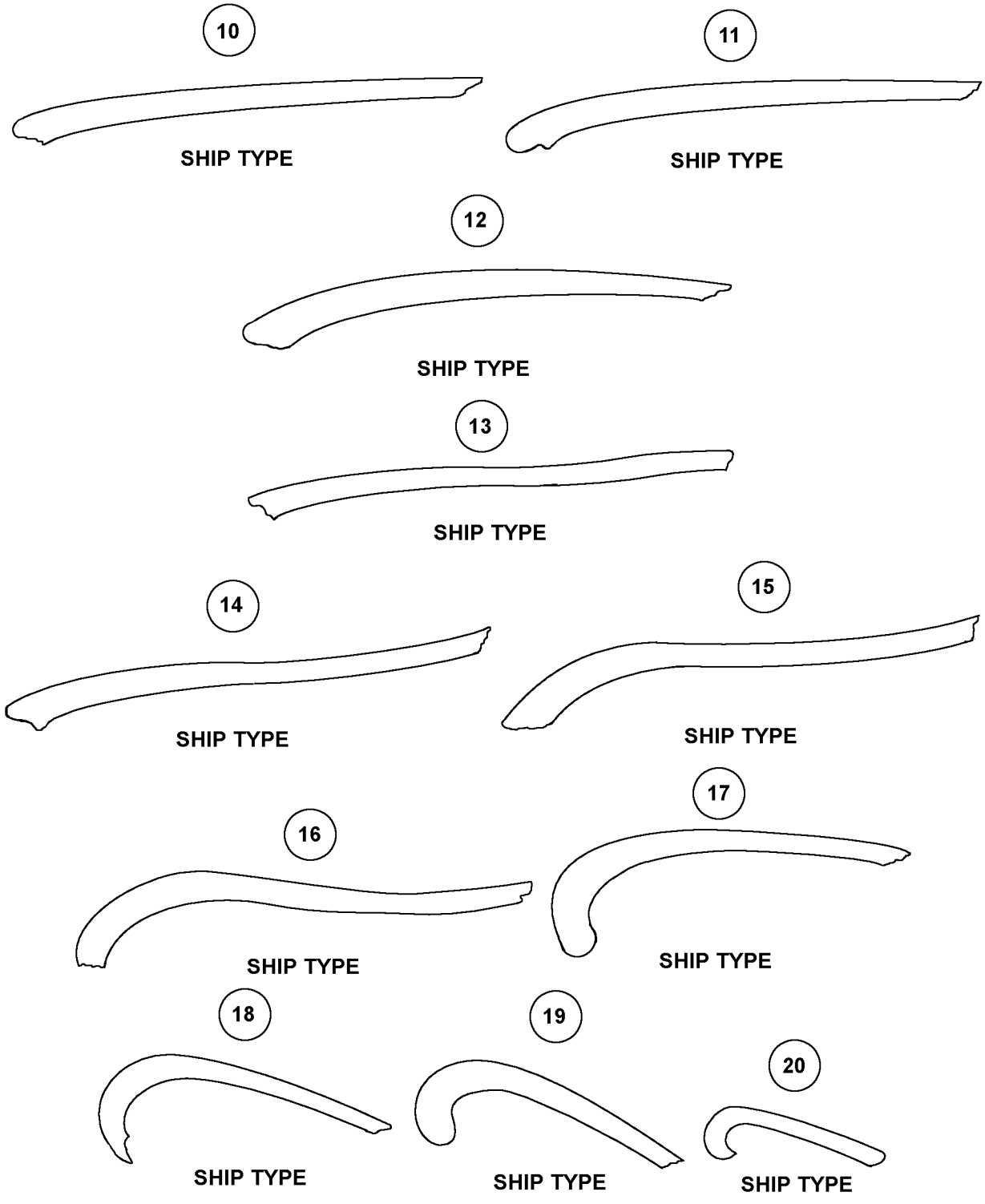
Reference Drawing Groups

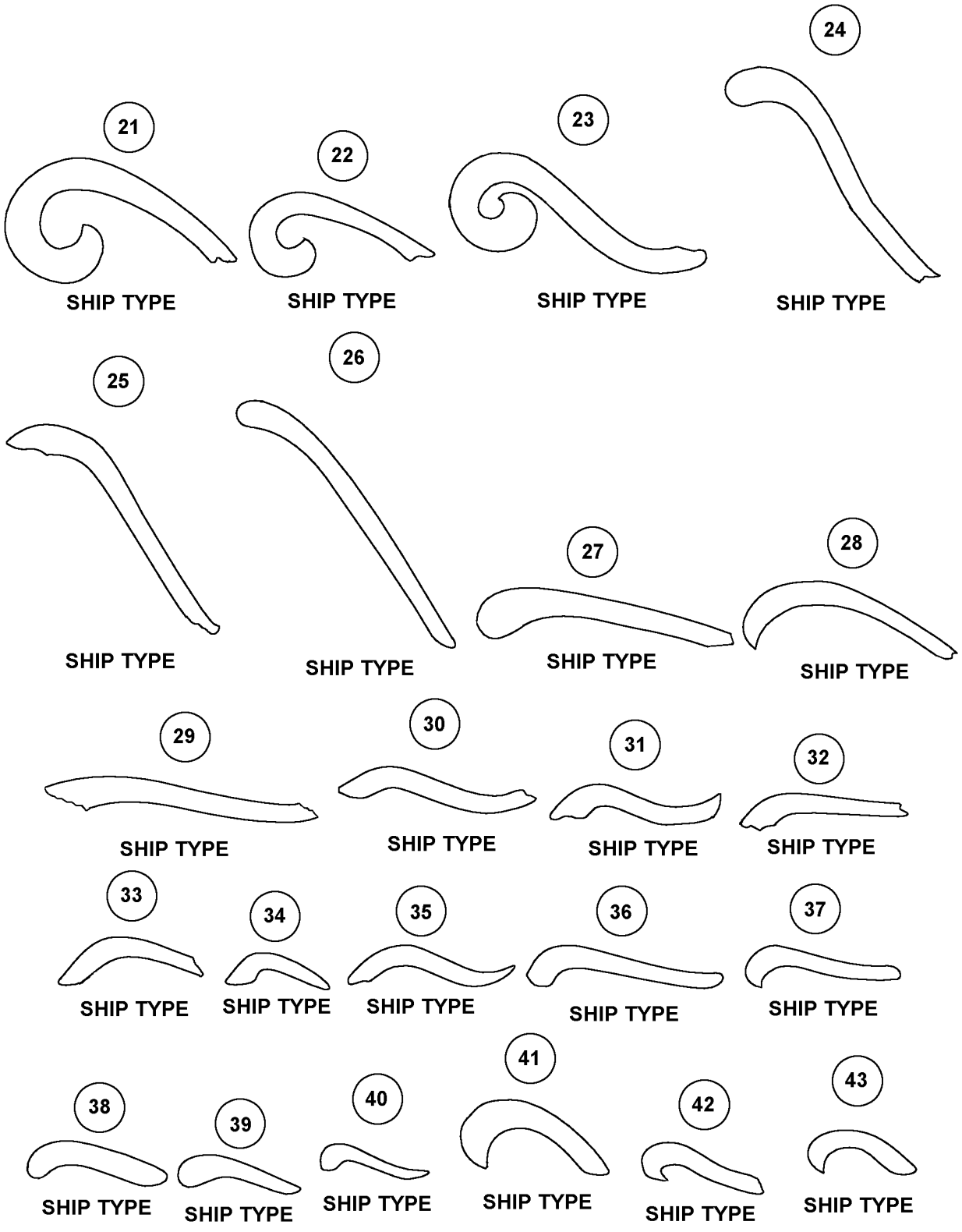
REFERENCE DRAWING GROUP A

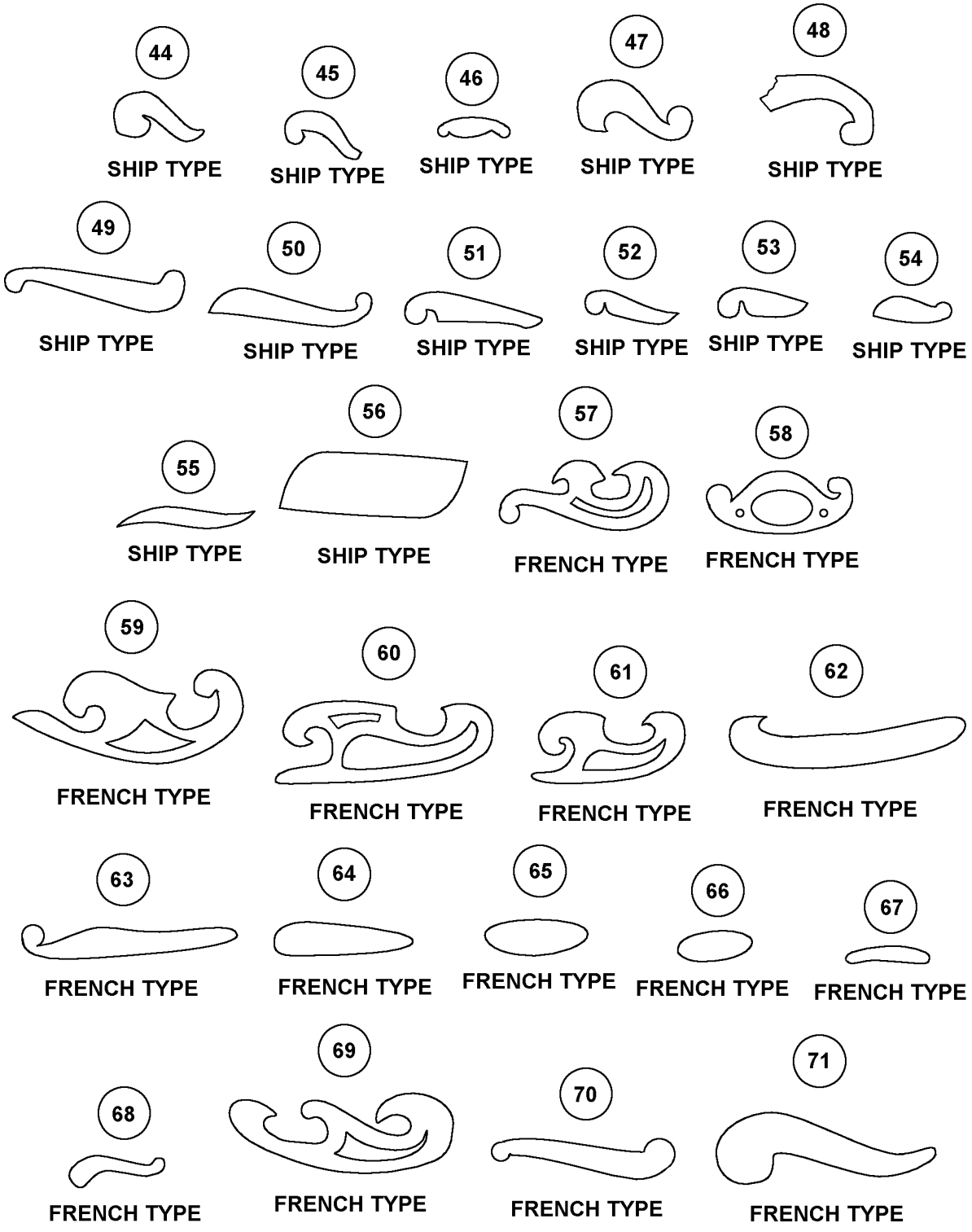
IRREGULAR DRAFTING CURVES

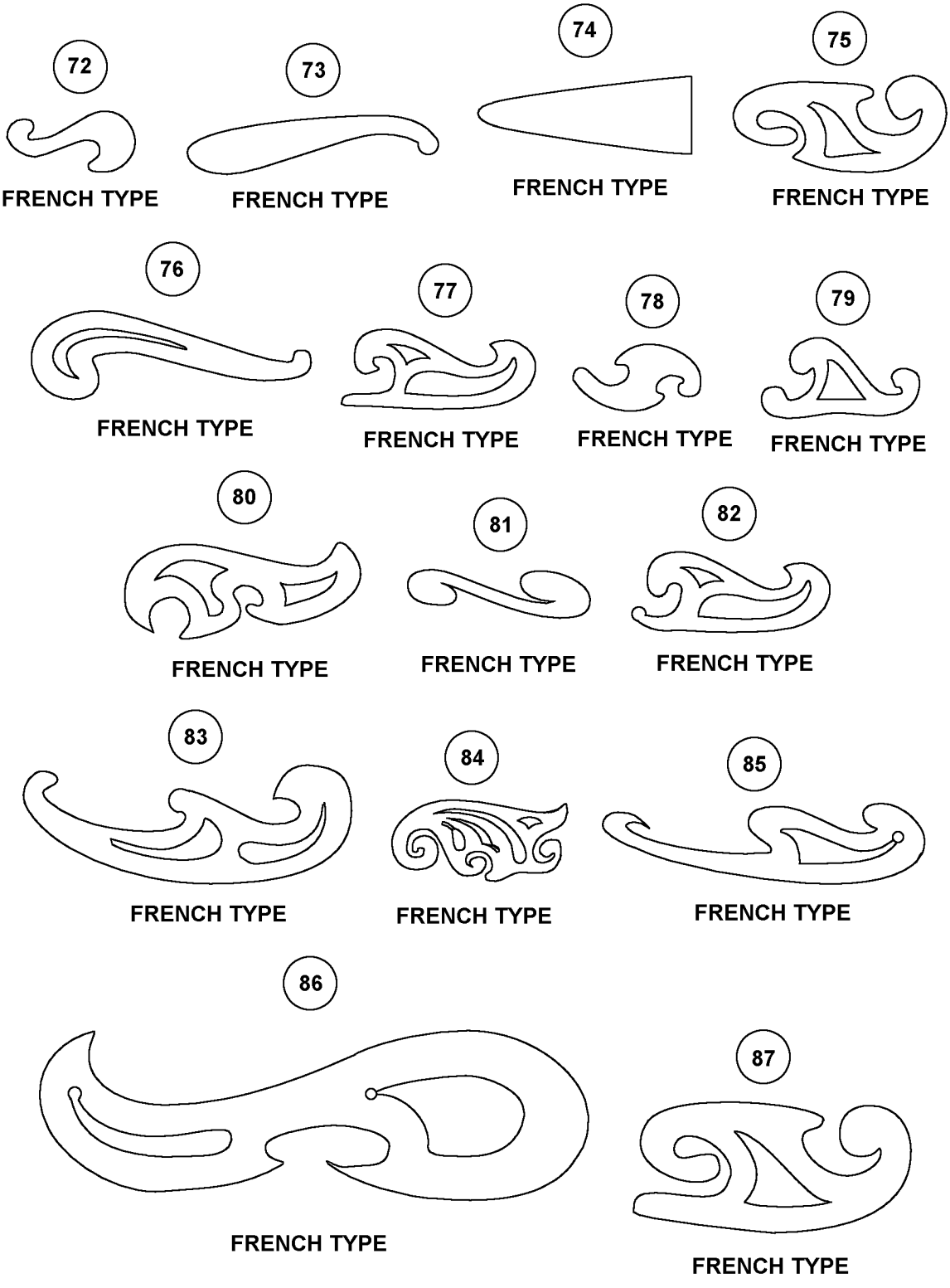
(No Requirements)



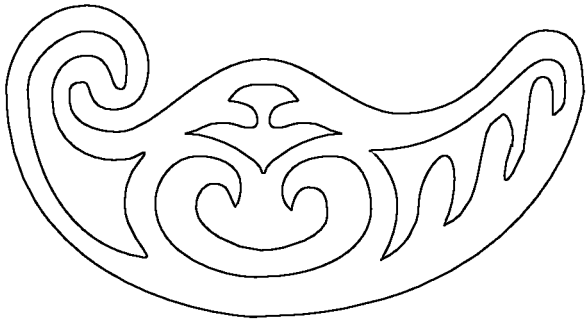

10
SHIP TYPE
11
SHIP TYPE
12
SHIP TYPE
13
SHIP TYPE
14
SHIP TYPE
15
SHIP TYPE
16
SHIP TYPE
17
SHIP TYPE
18
SHIP TYPE
19
SHIP TYPE
20
SHIP TYPE


21
SHIP TYPE
22
SHIP TYPE
23
SHIP TYPE
24
SHIP TYPE
25
SHIP TYPE
26
SHIP TYPE
27
SHIP TYPE
28
SHIP TYPE
29
SHIP TYPE
30
SHIP TYPE
31
SHIP TYPE
32
SHIP TYPE
33
SHIP TYPE
34
SHIP TYPE
35
SHIP TYPE
36
SHIP TYPE
37
SHIP TYPE
38
SHIP TYPE
39
SHIP TYPE
40
SHIP TYPE
41
SHIP TYPE
42
SHIP TYPE
43
SHIP TYPE


44
SHIP TYPE
45
SHIP TYPE
46
SHIP TYPE
47
SHIP TYPE
48
SHIP TYPE
49
SHIP TYPE
50
SHIP TYPE
51
SHIP TYPE
52
SHIP TYPE
53
SHIP TYPE
54
SHIP TYPE
55
SHIP TYPE
56
SHIP TYPE
57
FRENCH TYPE
58
FRENCH TYPE
59
FRENCH TYPE
60
FRENCH TYPE
61
FRENCH TYPE
62
FRENCH TYPE
63
FRENCH TYPE
64
FRENCH TYPE
65
FRENCH TYPE
66
FRENCH TYPE
67
FRENCH TYPE
68
FRENCH TYPE
69
FRENCH TYPE
70
FRENCH TYPE
71
FRENCH TYPE

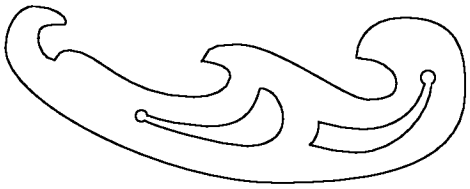

72
FRENCH TYPE
73
FRENCH TYPE
74
FRENCH TYPE
75
FRENCH TYPE
76
FRENCH TYPE
77
FRENCH TYPE
78
FRENCH TYPE
79
FRENCH TYPE
80
FRENCH TYPE
81
FRENCH TYPE
82
FRENCH TYPE
83
FRENCH TYPE
84
FRENCH TYPE
85
FRENCH TYPE
86
FRENCH TYPE
87
FRENCH TYPE

88



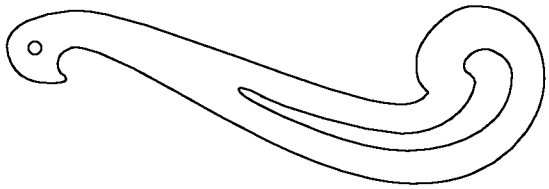
FRENCH TYPE

89



FRENCH TYPE

90

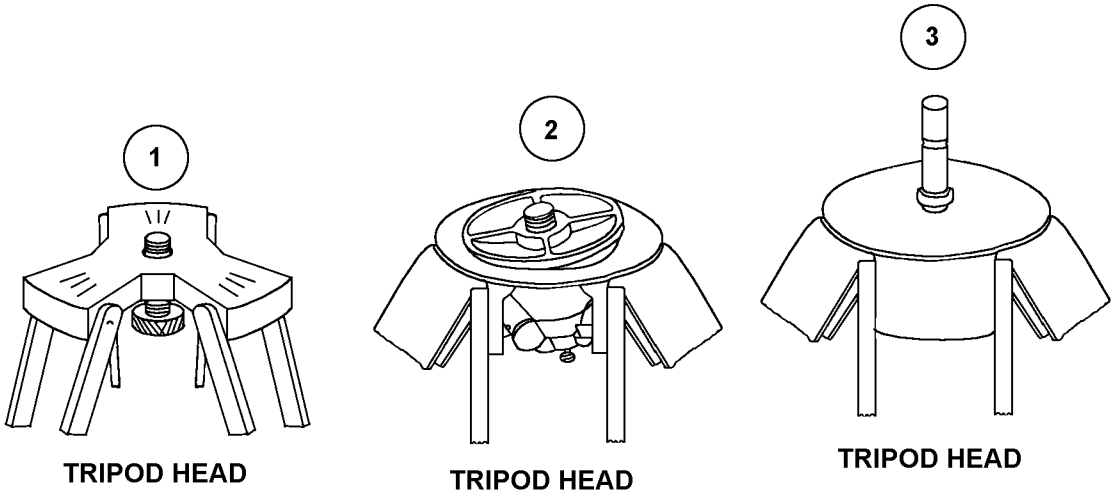


FRENCH TYPE

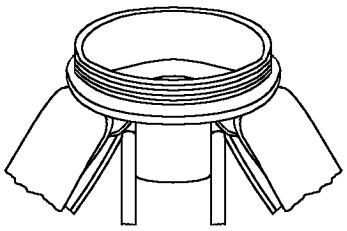
REFERENCE DRAWING GROUP B

TRIPOD HEADS

(No Requirements)

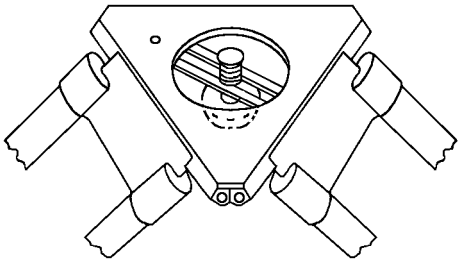


4



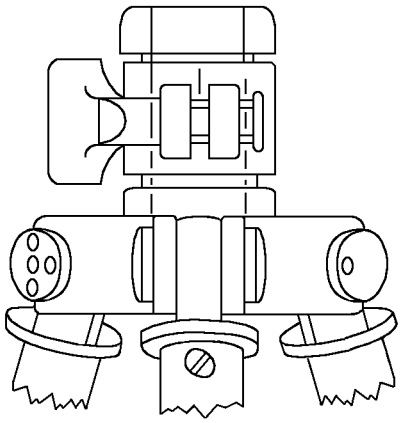
TRIPOD HEAD

5



TRIPOD HEAD

6

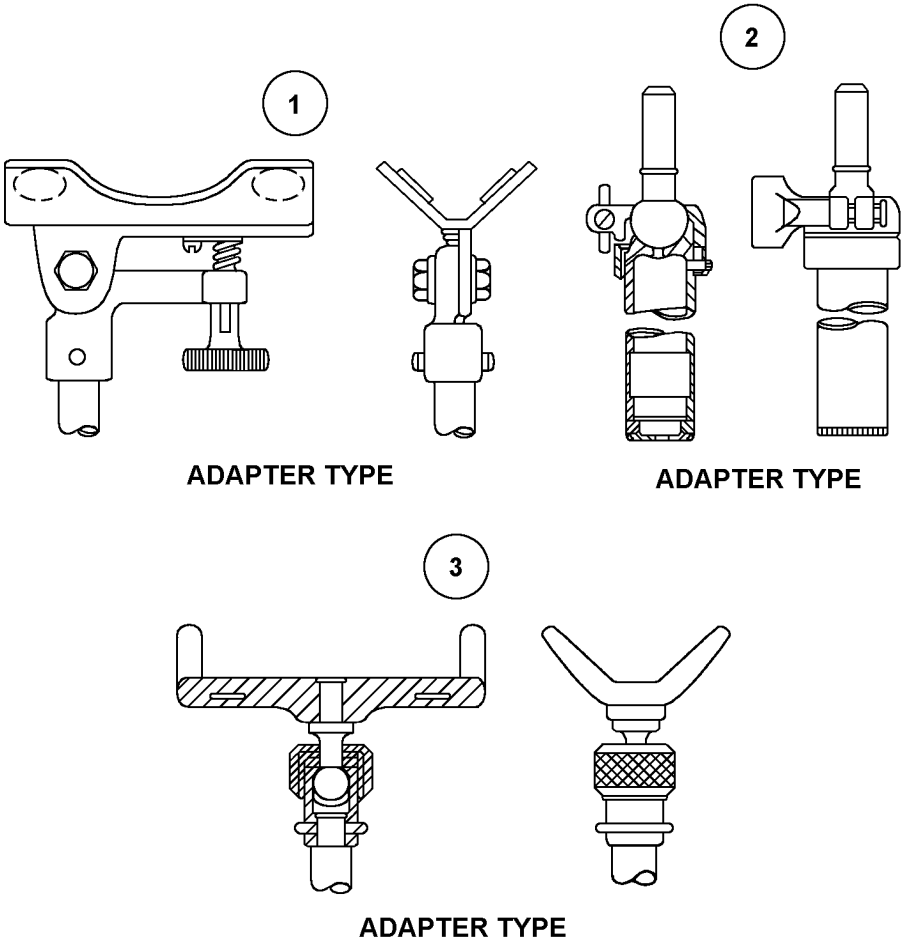


TRIPOD HEAD

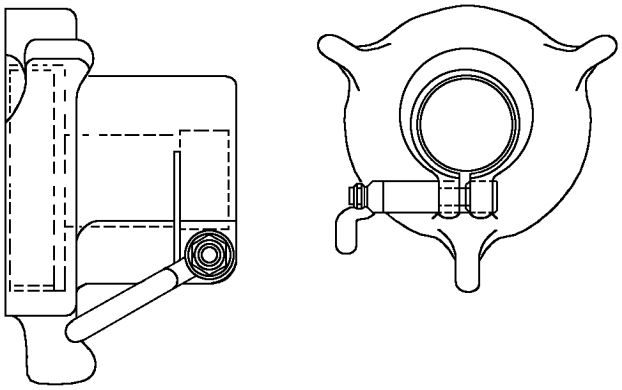
REFERENCE DRAWING GROUP C

ADAPTERS

(No Requirements)

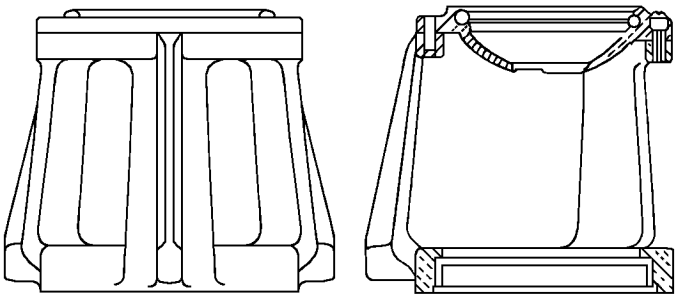


4



ADAPTER TYPE

5



ADAPTER TYPE

Technical Data Tables

STANDARD FRACTION TO DECIMAL CONVERSION CHART

4ths	8ths	16ths	32nds	64ths	To 3	To 4	4ths	8ths	16ths	32nds	64ths	To 3	To 4
				1/64	.016	.0156					33/64	.516	.5156
			1/32	-----	.031	.0312				17/32	------	.531	.5312
				3/64	.047	.0469					35/64	.547	.5469
		1/16	-----		.062	.0625			9/16	-----	-----	.562	.5625
				5/64	.078	.0781					37/64	.578	.5781
			3/32	-----	.094	.0938				19/32	------	.594	.5938
				7/64	.109	.1094					39/64	.609	.6094
	1/8	-----	-----	-----	.125	.1250		5/8	-----	-----	-----	.625	.6250
				9/64	.141	.1406					41/64	.641	.6406
			5/32	-----	.156	.1562				21/32	------	.656	.6562
				11/64	.172	.1719					43/64	.672	.6719
		3/16	-----	-----	.188	.1875			11/16	-----	-----	.688	.6875
				13/64	.203	.2031					45/64	.703	.7031
			7/32	------	.219	.2188				23/32	------	.719	.7188
				15/64	.234	.2344					47/64	.734	.7344
1/4	-----	-----	-----	-----	.250	.2500	3/4	-----	-----	-----	-----	.750	.7500
				17/64	.266	.2656					49/64	.766	.7656
			9/32	------	.281	.2812				25/32	------	.781	.7812
				19/64	.297	.2969					51/64	.797	.7969
		5/16	-----	-----	.312	.3125			13/16	-----	-----	.812	.8125
				21/64	.328	.3281					53/64	.828	.8281
			11/32	------	.344	.3438				27/32	------	.844	.8438
				23/64	.359	.3594					55/64	.859	.8594
	3/8	-----	-----	-----	.375	.3750		7/8	-----	-----	-----	.875	.8750
				25/64	.391	.3906					57/64	.891	.8906
			13/32	------	.406	.4062				29/32	------	.906	.9062
				27/64	.422	.4219					59/64	.922	.9219
		7/16	-----	-----	.438	.4375			15/16	-----	-----	.938	.9375
				29/64	.453	.4531					61/64	.953	.9531
			15/32	------	.469	.4688				31/32	------	.969	.9688
				31/64	.484	.4844					63/64	.984	.9844
					.500	.5000						1.000	1.0000

INCH TO DECIMAL OF A FOOT CONVERSION CHART

Fraction of inch	INCHES											
0	1	2	3	4	5	6	7	8	9	10	11	
0	0.000	0.083	0.167	0.250	0.333	0.417	0.500	0.583	0.667	0.750	0.833	0.917
1/16	.005	.089	.172	.255	.339	.422	.505	.589	.672	.755	.839	.922
1/8	.010	.094	.177	.260	.344	.427	.510	.594	.677	.760	.844	.927
3/16	.016	.099	.182	.266	.349	.432	.516	.599	.682	.766	.849	.932
1/4	.021	.104	.188	.271	.354	.438	.521	.604	.688	.771	.854	.938
5/16	.026	.109	.193	.276	.359	.443	.526	.109	.693	.776	.859	.943
3/8	.031	.115	.198	.281	.365	.448	.531	.615	.698	.781	.865	.948
7/16	.037	.120	.203	.287	.370	.453	.537	.620	.703	.787	.870	.953
1/2	.042	.125	.208	.292	.375	.458	.542	.625	.708	.792	.875	.958
9/16	.047	.130	.214	.297	.380	.464	.547	.630	.714	.797	.880	.964
5/8	.052	.135	.219	.302	.385	.469	.552	.635	.719	.802	.885	.969
11/16	.057	.141	.224	.307	.391	.474	.557	.641	.724	.807	.891	.974
3/4	.063	.146	.229	.313	.396	.479	.563	.646	.729	.813	.896	.979
13/16	.068	.151	.234	.318	.401	.484	.568	.651	.734	.818	.901	.984
7/8	.073	.156	.240	.323	.406	.490	.573	.656	.740	.823	.906	.990
15/16	.078	.162	.245	.328	.412	.495	.578	.662	.745	.828	.912	.995

For inches and fraction of inch, select inches as above, then fraction of an inch from 1st column on left, read from left to right to intersection of corresponding vertical column. (i.e., 9 ft. 11 inches would read 9.917 feet; 9 ft. 11-1/4 inches would read 9.938 feet.)

FIIG Change List

FIIG Change List, Effective September 3, 2010

This change replaced Special Secondary Address Coding with I/SAC.